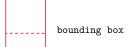
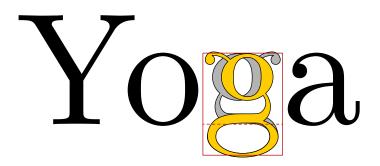
box traMsfoRmationC in pdf-trans.tex

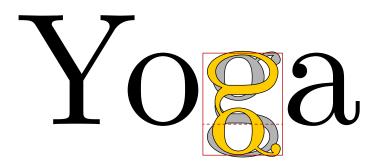


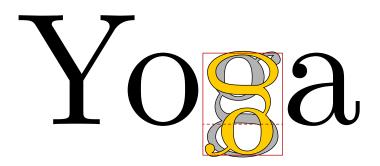




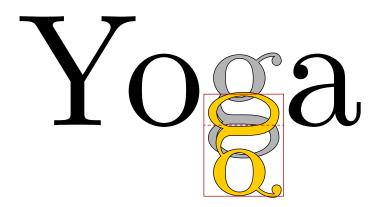


\boxflipx <box>





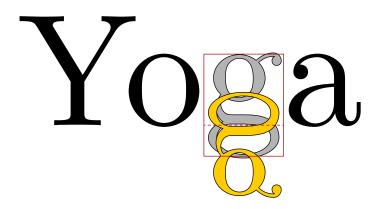
\boxflipxy <box>



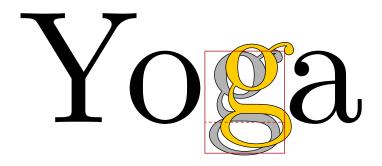
\boxflipbase <box>

Yoga

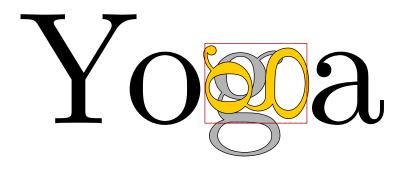
\bboxtrans {<trans>} <box>



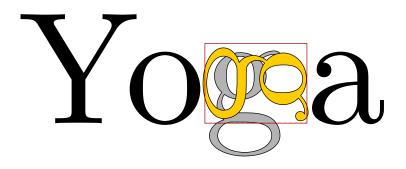
\cboxtrans {<trans>} <box>



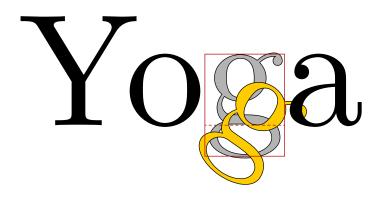
\boxtranslate {<dimexpr>}{<dimexpr>} <box>



\boxrevolveleft <box>

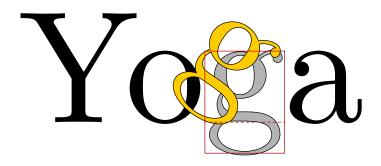


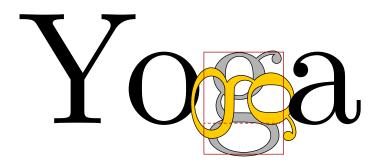
\boxrevolveright <box>



\boxrotate {<angle>} <box>

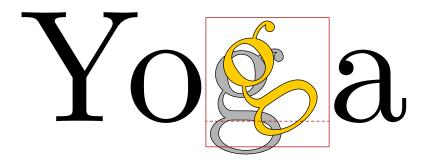
\boxrotate {394.7}



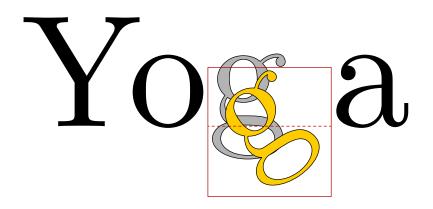


\boxrotatec {<angle>} <box>

\boxrotatec {90}



\boxrotatebbl {<angle>} <box>



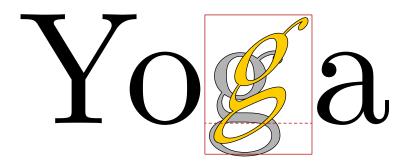
\boxrotatebbr {<angle>} <box>

Yoga

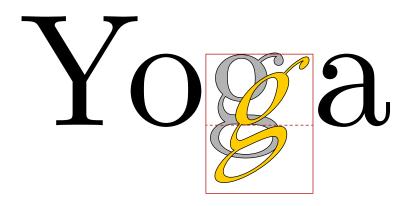
\boxslantx {<angle>} <box>

Yosa

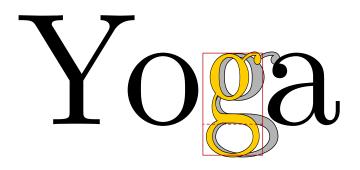
\boxslanty {<angle>} <box>



\boxslantbbl {<angle>}{<angle>} <box>



\boxslantbbr {<angle>}{<angle>} <box>



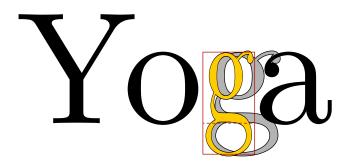
\boxscalex {<numexpr>} <box>

Yosa

\boxscaley {<numexpr>} <box>

Yoga

Yoga

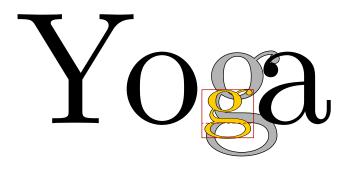


\boxscalexto {<dimexpr>} <box>

\boxscalexto {.5in+.1cm}

Yosa

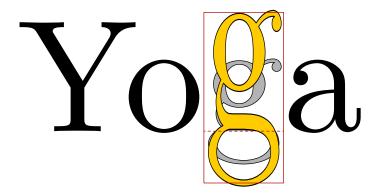
\boxscaleyto {<dimexpr>} <box>



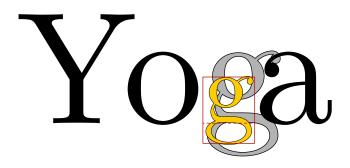
\boxscalexyto {<dimxpr>}{<dimexpr>} <box>

Yoga

\boxscalehtto {<dimexpr>} <box>

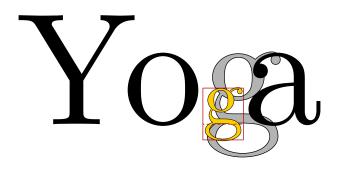


\boxscaledpto {<dimexpr>} <box>



\boxuniscalexto {<dimexpr>} <box>

\boxuniscalexto {.5in+.1cm}



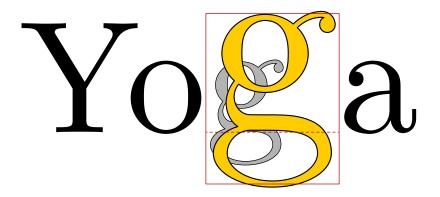
\boxuniscaleyto {<dimexpr>} <box>

\boxuniscaleyto {.5in+.1cm}

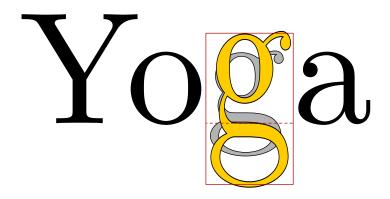
Yosa

\boxuniscalehtto {<dimexpr>} <box>

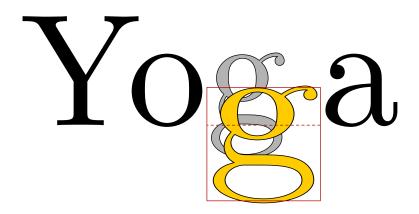
\boxuniscalehtto {.5in+.1cm}



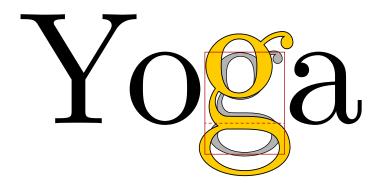
\boxuniscaledpto {<dimexpr>} <box>



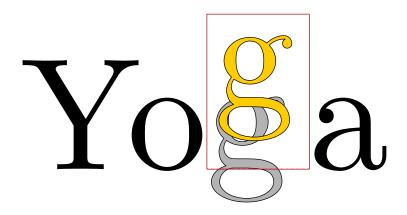
\boxextscale {<dimexpr>}{<dimexpr>} <box>

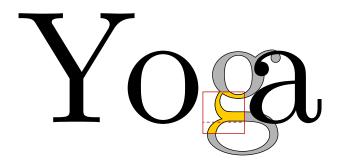


 $\verb|\boxextscaleto| {<dimexpr>}{<dimexpr>}{<dimexpr>} <box>|$



 $\label{lower} $$ \operatorname{<\!dimexpr>}{<\!dimexpr>}{<\!dimexpr>}{<\!dimexpr>} <\!box>$

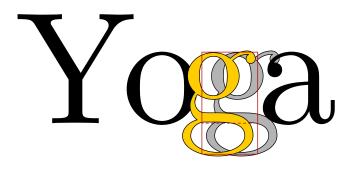




\boxxformspec resources{/Foo /Bar} \boxxform <box>

\boxclip <box>

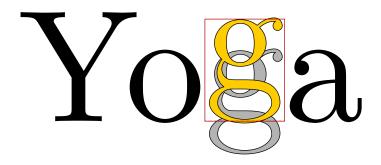
\boxclip \boxresizeto {}{8mm}{3mm}



```
\boxmoveleft {<dimexpr>} <box>
```

```
\boxmoveright {<dimexpr>} <box>
```

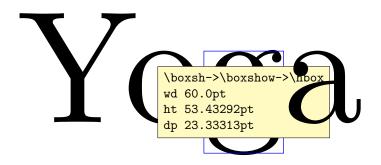
```
\boxlower {<dimexpr>} <box>
\boxlower {\dp \transbox }
```



\boxraise {<dimexpr>} <box>
\boxraise {\dp \transbox }

\boxbaselineat {<numexpr>} <box>

\boxbaselineat {50}



\boxinfo <box>

\boxinfo \boxsh

\boxpath {<gsspec>}{<paintop>} <box>

 $\label{localization} $$ \ \ 0 \ 0 \ rg \ 1 \ .8 \ 0 \ RG}{B}\boxtrans {\boxextscale $\{3mm\}_{3mm}}\boxmoveright \ \{3mm\}_{3mm}$$ $$$

\boxroundpath {<dimexpr>}{<gsspec>}{<paintop>} <box>

```
Each transformation expands to <box> (\hbox in most cases).
Each transformation must be followed by a <box>.
<box> states for any kind of TpX box; \hbox, \vbox, \vtop, \box, \copy
<trans> is a list of box transformations
<dimexpr> states for dimen in eTeX form
<numexpr> states for integer in eTeX form
<angle> is an integer or float-like string
<gsspec> is a literal pdf content stream
<paintop> means pdf painting operator (S, f, B, W...)
Some extra macros:
\tobp {<dimexpr>} returns PDF dimen (big points with no unit)
\enablebpround makes \tobp rounding to \pdfdecimaldigits (equivalent to \roundbp)
\setbpround {<0..4>} makes \tobp rounding to <0..4> digits (equivalent to \roundbpto {<0..4>})
```

See the code for more.

\disablebpround turns off rounding (equivalent to \asbp)