

CSS3 - 3D TRANSFORMS

http://www.tutorialspoint.com/css/css3_3d_transform.htm

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Using with 3d transforms, we can move element to x-axis, y-axis and z-axis, Below example clearly specifies how the element will rotate

Methods of 3D transforms

Below methods are used to call 3D transforms

Values	Description
matrix3d <i>n, n, n, n, n, n, n, n, n, n, n, n, n, n, n, n</i>	Used to transforms the element by using 16 values of matrix
translate3dx, y, z	Used to transforms the element by using x-axis,y-axis and z-axis
translateXx	Used to transforms the element by using x-axis
translateYy	Used to transforms the element by using y-axis
translateZz	Used to transforms the element by using y-axis
scaleXx	Used to scale transforms the element by using x-axis
scaleYy	Used to scale transforms the element by using y-axis
scaleZz	Used to transforms the element by using z-axis
rotateXangle	Used to rotate transforms the element by using x-axis
rotateYangle	Used to rotate transforms the element by using y-axis
rotateZangle	Used to rotate transforms the element by using z-axis

X-axis 3D transforms

The following an example shows the x-axis 3D transforms

```
<html>
<head>

  <style>
    div {
      width: 200px;
      height: 100px;
      background-color: pink;
      border: 1px solid black;
    }
    div#myDiv {
      -webkit-transform: rotateX(150deg);

      /* Safari */
      transform: rotateX(150deg);

      /* Standard syntax */
    }
  </style>

</head>
<body>
```

```

<div>
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</div>

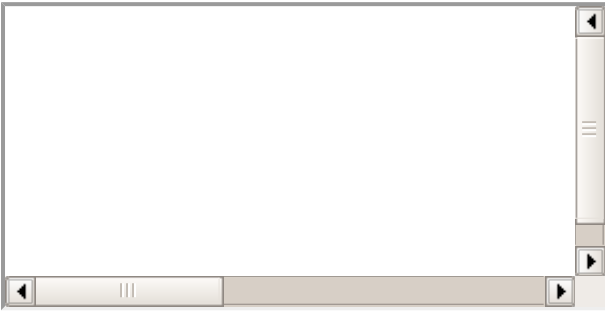
<p>Rotate X-axis</p>

<div >
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</div>

</body>
</html>

```

It will produce the following result –



Y-axis 3D transforms

The following an example shows the y-axis 3D transforms

```

<html>
<head>
<style>
div {
width: 200px;
height: 100px;
background-color: pink;
border: 1px solid black;
}
div#yDiv {
-webkit-transform: rotateY(150deg);

/* Safari */
transform: rotateY(150deg);

/* Standard syntax */
}
</style>
</head>
<body>

<div>
tutorials point.com
</div>

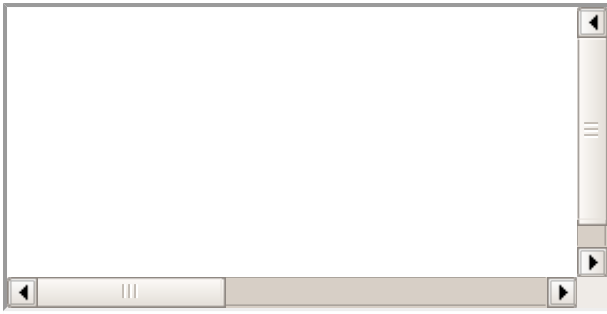
<p>Rotate Y axis</p>

<div >
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</div>

</body>
</html>

```

It will produce the following result –



Z-axis 3D transforms

The following an example shows the Z-axis 3D transforms

```
<html>
<head>
  <style>
    div {
      width: 200px;
      height: 100px;
      background-color: pink;
      border: 1px solid black;
    }
    div#zDiv {
      -webkit-transform: rotateZ(90deg);

      /* Safari */
      transform: rotateZ(90deg);

      /* Standard syntax */
    }
  </style>
</head>
<body>
  <p>rotate Z axis</p>

  <div >
    tutorials point.com.
  </div>
</body>
</html>
```

It will produce the following result –



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