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% !TEX encoding = UTF-8 Unicode
% !TEX program = pdflatex
\documentclass{article}
\usepackage{tikz}
\begin{document}
\begin{tikzpicture}
\draw[gray, ->] (-3, 0) -- (4, 0) node[below]{$x$ axis};
\draw[gray, ->] (0, -3) -- (0, 4) node[above]{$y$ axis};
\draw [olive]
plot [variable = \t, domain = -3:2.04, samples = 30]% (17/2)^(1/3)
({\t}, {(17-\t^3)^(1/3)}) ;
\draw [brown]
plot [variable = \t, domain = 2.04:-3, samples = 30]% (17/2)^(1/3)
(({17-\t^3)^(1/3)}, {\t}) ;
\draw (3, 3) node{$x^3 + y^3 = 17$} ;
\draw (1049.40/408.31, 116.63/408.31 ) circle [radius = 1pt] --
+(1, 1) node [right] {$({\frac{104940}{40831}}, {\frac{11663}{40831}})$};
\end{tikzpicture}
\end{document}
```