

Converting Colors

XYZ(30.8054, 15.5976, 14.2337)

Have a look what the booklet for
XYZ(30.8054, 15.5976, 14.2337)
contains.

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Color

**XYZ(30.7671, 15.5782,
14.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	D80067
RGB	216, 0, 103
RGB Percent	85%, 0%, 40%
CMY	0.1529, 0.9998, 0.5961
CMYK	0.00, 1.00, 0.52, 0.15
HSL	331°, 100%, 42%
HSV	331°, 100%, 85%
XYZ	30.7671, 15.5782, 14.2173
YIQ	76.3260, 95.6730, 77.8250

Conversions

Conversions Part 2

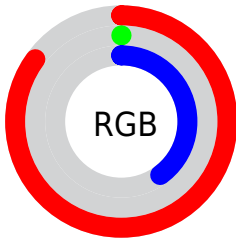
Format	Color
R_{YB}	216, 0, 103
Decimal	14155879
CIE _{Lab}	46.42, 74.27, 6.15
CIE _{LCh}	46, 74.529, 4.733
Yxy	15.5782, 0.5080, 0.2572
Android (android.graphics.Color)	4292345959 (0xFFD80067)
YUV	76.3260, 13.1503, 122.4941
Hunter-Lab	39.4692, 70.0734, 6.2715

Details

The XYZ color **30.7671, 15.5782, 14.2173** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **27.5395, 50.3051, 23.8942**, and the grayscale version is **6.8981, 7.2574, 7.9033**.

A 20% lighter version of the original color is **50.7289, 30.9054, 33.8635**, and **14.0649, 7.1654, 4.5127** is the 20% darker color. If you saturate the color by 10%, you get **30.7658, 15.5777, 14.2112**, and if you desaturate by 10%, it is **31.6535, 16.3810, 17.5036**.

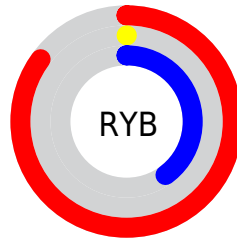
Distribution



Red (85%)

Green (0%)

Blue (40%)



Red (85%)

Yellow (0%)

Blue (40%)

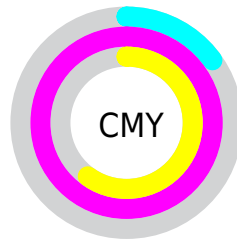


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7671, 15.5782, 14.2173 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.7671, 15.5782, 14.2173 by changing the saturation by 10% instead.


 30.7671, 15.5782,
14.2173


 30.7671, 15.5782,
14.2173


297.3100,
226.8397, 230.0537


 20.5725, 9.2262,
8.1315


 60.2515, 35.8644,
34.1968


 12.9226, 4.8890,
4.0902


 80.2721, 50.5673,
48.9275


 7.4519, 2.1823,
1.6750


 104.2988, 68.8227,
67.3769

 3.7951, 0.7103,
0.3435

 132.6968, 91.0149,
89.9636

 1.5869, 0.0000,
0.0000

 165.8316,
117.5283, 117.1061

 0.3838, 0.0000,
0.0000

 204.0684,

 0.0000, 0.0000,

148.7473, 149.2229

0.0000

247.7728,
185.0563, 186.7326

■ 30.7671, 15.5782,
14.2173

■ 30.7671, 15.5782,
14.2173

■ 30.7658, 15.5777,
14.2112

■ 31.6535, 16.3810,
17.5036

■ 32.9321, 17.8407,
21.3132

■ 34.7089, 20.1652,
25.6950

■ 37.0441, 23.4705,
30.6818

■ 39.9886, 27.8545,
36.3031

■ 43.5872, 33.4030,
42.5854

■ 47.8804, 40.1931,
49.5535

■ 52.9050, 48.2954,
57.2308

■ 58.6955, 57.7750,
65.6392

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9551, 15.5782, 36.8893



30.7671, 15.5782, 14.2173



27.3963, 15.5782, 3.7639

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.7671, 15.5782, 14.2173



8.8440, 15.5782, 1.3566



10.1508, 15.5782, 72.9585

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.7671, 15.5782, 14.2173



27.5395, 50.3051, 23.8942

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6.8215, 15.5782, 46.0055



30.7671, 15.5782, 14.2173



6.2336, 15.5782, 5.9281

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.7671, 15.5782, 14.2173



13.8144, 15.5782, 0.4022



5.6174, 15.5782, 20.0390



15.8453, 15.5782, 81.9005

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.7671, 15.5782, 14.2173



23.1086, 15.5782, 1.3919



5.6174, 15.5782, 20.0390



8.7775, 15.5782, 65.0719

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.7675, 15.5791, 14.2175



69.5221, 58.2049, 71.8409



19.0291, 8.3788, 65.5799



14.2868, 11.5139, 14.4288



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7675, 15.5791, 14.2175



44.7263, 22.6545, 20.2885



28.3586, 14.6781, 1.3398



12.6673, 12.5184, 14.1884



18.2641, 9.2420, 8.6950



1.1433, 0.5741, 0.7439

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.7675, 15.5791, 14.2175



44.7263, 22.6545, 20.2885



36.0389, 52.2456, 73.1505



12.6673, 12.5184, 14.1884



18.2641, 9.2420, 8.6950



1.1433, 0.5741, 0.7439

Previews

White Background



This preview shows how the XYZ color 30.7671, 15.5782, 14.2173 looks on a white background.

Color Contrast Check

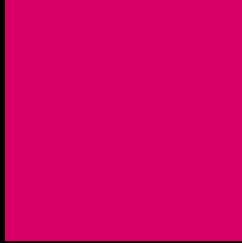
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.7671, 15.5782, 14.2173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7671, 15.5782, 14.2173

Background



This preview shows how black text looks on a background with the XYZ color 30.7671, 15.5782, 14.2173.



This preview shows how white text looks on a background with the XYZ color 30.7671, 15.5782,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.7671, 15.5782, 14.2173

Protanopia

16.4761, 16.3055, 30.7127

Deuteranopia

16.4362, 16.2004, 12.8504



Tritanopia

28.6337, 15.8921, 3.6561

Trichromacy



Original Color

30.7671, 15.5782, 14.2173



Protanomaly

17.7458, 12.0121, 23.2130



Deuteranomaly

18.9837, 12.6964, 12.7594



Tritanomaly

29.0264, 15.4051, 6.2941

Monochromacy



Original Color

30.7671, 15.5782, 14.2173



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.4891, 7.2978, 9.6072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7671, 15.5782, 14.2173 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 103) }
```

Border

The CSS property to change the border of an element to XYZ 30.7671, 15.5782, 14.2173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 0, 103) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 0, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 0, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(216, 0,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7671, 15.5782, 14.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216, 0,  
103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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