

Converting Colors

XYZ(17.2002, 7.6080, 57.6887)

Have a look what the booklet for
XYZ(17.2002, 7.6080, 57.6887)
contains.

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Color

**XYZ(17.2058, 7.6108,
57.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	6D00CC
RGB	109, 0, 204
RGB Percent	43%, 0%, 80%
CMY	0.5725, 1.0000, 0.2000
CMYK	0.47, 1.00, 0.00, 0.20
HSL	272°, 100%, 40%
HSV	272°, 100%, 80%
XYZ	17.2058, 7.6108, 57.6889
YIQ	55.8470, -0.5200, 86.5520

Conversions

Conversions Part 2

Format	Color
R_{YB}	109, 0, 204
Decimal	7143628
CIE _{Lab}	33.16, 70.95, -77.08
CIE _{LCh}	33, 104.765, 312.631
Yxy	7.6108, 0.2085, 0.0922
Android (android.graphics.Color)	4285333708 (0xFF6D00CC)
YUV	55.8470, 73.0394, 46.6152
Hunter-Lab	27.5877, 63.0479, -104.6706

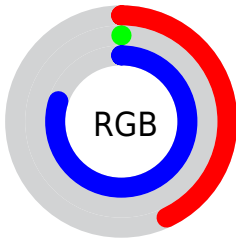
Details

The XYZ color **17.2058, 7.6108, 57.6889** is a dark color, and the websafe version is hex **6600CC**.

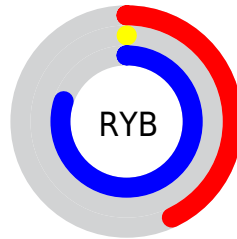
The color can be described as dark washed purple. A complement of this color would be **26.3118, 45.6185, 7.4185**, and the grayscale version is **3.6492, 3.8393, 4.1810**.

A 20% lighter version of the original color is **36.9283, 20.6872, 96.6544**, and **6.3001, 2.6304, 28.1926** is the 20% darker color. If you saturate the color by 10%, you get **17.2064, 7.6112, 57.6891**, and if you desaturate by 10%, it is **18.6963, 8.7612, 57.8326**.

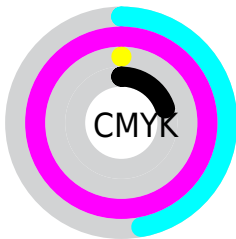
Distribution



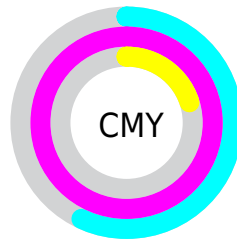
- Red (43%)
- Green (0%)
- Blue (80%)



- Red (43%)
- Yellow (0%)
- Blue (80%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2058, 7.6108, 57.6889 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 17.2058, 7.6108, 57.6889 by changing the saturation by 10% instead.

■ 17.2058, 7.6108,
57.6889

■ 17.2058, 7.6108,
57.6889

229.4888,
172.6467, 433.5915

■ 10.4775, 3.8469,
41.1456

■ 38.2201, 21.1918,
102.9800

■ 5.7814, 1.5883,
28.1123

■ 53.2368, 31.7778,
132.5648

■ 2.7520, 0.3497,
18.1705

■ 71.7470, 45.4066,
167.3338

■ 1.0240, 0.0000,
10.9018

■ 94.1162, 62.4626,
207.7057

■ 0.0000, 0.0000,
5.8875

■ 120.7096, 83.3302,
254.0988


■ 0.0000, 0.0000,
2.7091


■ 151.8926,


■ 0.0000, 0.0000,


108.3938, 306.9318


0.9480

 188.0305,
138.0379, 366.6232


 0.0000, 0.0000,
0.0000

 17.2058, 7.6108,
57.6889


 17.2058, 7.6108,
57.6889

 17.2064, 7.6112,
57.6891

 18.6963, 8.7612,
57.8326

 20.5879, 10.5212,
58.0726

 22.9778, 13.0796,
58.4405

 25.9195, 16.5374,
58.9529

 29.4583, 20.9806,
59.6240

■ 33.6342, 26.4844,
60.4662

■ 38.4836, 33.1168,
61.4908

■ 44.0398, 40.9396,
62.7079

■ 50.3336, 50.0105,
64.1270

Harmonies

Analogous

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



9.8429, 7.6108, 88.9808



17.2058, 7.6108, 57.6889



23.0667, 7.6108, 21.2620

Triad

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



17.2058, 7.6108, 57.6889



10.9331, 7.6108, 0.0000



1.0028, 7.6108, 16.9860

Complementary

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



17.2058, 7.6108, 57.6889



26.3118, 45.6185, 7.4185

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.



1.0655, 7.6108, 2.0820



17.2058, 7.6108, 57.6889



5.1321, 7.6108, 0.0000

Square

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



17.2058, 7.6108, 57.6889



18.3480, 7.6108, 0.0000



2.1287, 7.6108, 0.0000



1.8630, 7.6108, 51.3833

Rectangle

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



17.2058, 7.6108, 57.6889



24.1178, 7.6108, 6.9550



2.1287, 7.6108, 0.0000



0.9377, 7.6108, 9.7787

Sweetspot

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



17.2064, 7.6112, 57.6891



63.3970, 54.3787, 101.7625



15.0094, 12.5802, 58.7641



12.8095, 10.5917, 21.6192



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.



17.2064, 7.6112, 57.6891



28.2450, 12.4757, 95.5271



35.0029, 16.8778, 54.3566



11.1646, 11.1342, 14.1310



10.9384, 4.8465, 36.3152



0.6514, 0.2949, 1.8775

Inverse Universe

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



26.9673, 13.6635, 12.0413



44.5544, 22.5858, 19.3835



21.6302, 43.2008, 7.3938



11.4261, 11.2992, 12.7782



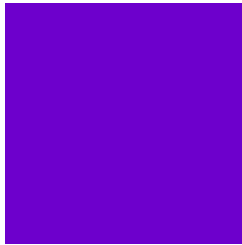
17.0196, 8.6184, 7.8217



0.9162, 0.4599, 0.6047

Previews

White Background



This preview shows how the XYZ color 17.2058, 7.6108, 57.6889 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

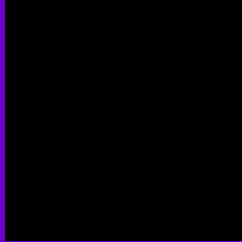
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2058, 7.6108, 57.6889

Background



This preview shows how black text looks on a background with the XYZ color 17.2058, 7.6108, 57.6889.



This preview shows how white text looks on a background with the XYZ color 17.2058, 7.6108,

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



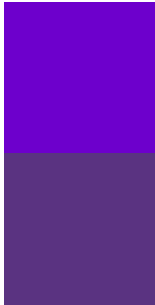
Original Color

17.2058, 7.6108, 57.6889

Tritanopia

7.7728, 8.0715, 9.9524

Trichromacy



Original Color

17.2058, 7.6108, 57.6889

Tritanomaly

9.3627, 6.1263, 21.4579

Monochromacy



Original Color

17.2058, 7.6108, 57.6889

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.3470, 3.8834, 15.1669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2058, 7.6108, 57.6889 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(109, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 204)  
}
```

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(109, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 204) }
```

Border

The CSS property to change the border of an element to XYZ 17.2058, 7.6108, 57.6889 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(109, 0, 204) }
```

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

```
.border{ border-color:rgb(109, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 17.2058, 7.6108, 57.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 204) }
```

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

```
.background{ background-color: rgb(109, 0,  
204) }
```

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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