

Converting Colors

XYZ(17.4411, 10.9246, 58.3169)

Have a look what the booklet for
XYZ(17.4411, 10.9246, 58.3169)
contains.

XYZ(17.4408, 10.8912, 58.3097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.4408, 10.8912,
58.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	5C45CC
RGB	92, 69, 204
RGB Percent	36%, 27%, 80%
CMY	0.6392, 0.7294, 0.2000
CMYK	0.55, 0.66, 0.00, 0.20
HSL	250°, 57%, 54%
HSV	250°, 66%, 80%
XYZ	17.4408, 10.8912, 58.3097
YIQ	91.2670, -29.6270, 46.8610

Conversions

Conversions Part 2

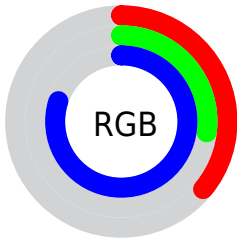
Format	Color
RYB	92, 69, 204
Decimal	6047180
CIELab	39.40, 45.35, -66.90
CIELCh	39, 80.824, 304.131
Yxy	10.8912, 0.2013, 0.1257
Android (android.graphics.Color)	4284237260 (0xFF5C45CC)
YUV	91.2670, 55.5774, 0.6428
Hunter-Lab	33.0018, 36.5805, -81.6561

Details

The XYZ color **17.4408, 10.8912, 58.3097** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **41.7222, 53.4389, 13.7460**, and the grayscale version is **9.8875, 10.4024, 11.3282**.

A 20% lighter version of the original color is **37.4093, 26.9930, 97.8462**, and **5.9254, 2.8539, 28.6723** is the 20% darker color. If you saturate the color by 10%, you get **14.8888, 8.0221, 57.8907**, and if you desaturate by 10%, it is **20.8028, 14.8179, 58.8907**.

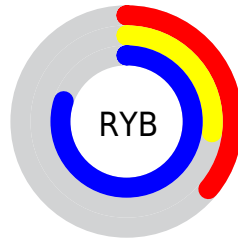
Distribution



Red (36%)

Green (27%)

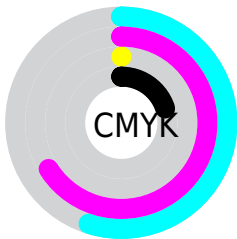
Blue (80%)



Red (36%)

Yellow (27%)

Blue (80%)

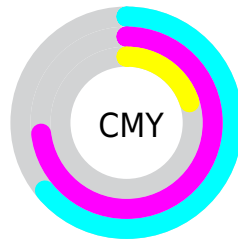


Cyan (55%)

Magenta (66%)

Yellow (0%)

Black (20%)



Cyan (64%)

Magenta (73%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4408, 10.8912, 58.3097 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 17.4408, 10.8912, 58.3097 by changing the saturation by 10% instead.

■ 17.4408, 10.8912,
58.3097

■ 17.4408, 10.8912,
58.3097

230.8070,
196.9196, 435.9694

■ 10.6465, 5.9937,
41.6413

■ 38.6197, 27.4588,
103.8929

■ 5.8952, 2.8413,
28.4971

■ 53.7351, 39.8977,
133.6449

■ 2.8215, 1.0494,
18.4584

■ 72.3548, 55.6192,
168.5951

■ 1.0601, 0.0000,
11.1068

■ 94.8443, 75.0077,
209.1622

■ 0.0000, 0.0000,
6.0236

■ 121.5689, 98.4476,
255.7646

■ 0.0000, 0.0000,
2.7904

152.8940,

■ 0.0000, 0.0000,

126.3233, 308.8209

0.9886

189.1849,
159.0192, 368.7497

■ 0.0000, 0.0000,
0.0000

■ 17.4408, 10.8912,
58.3097

■ 17.4408, 10.8912,
58.3097

■ 14.8888, 8.0221,
57.8907

■ 20.8028, 14.8179,
58.8907

■ 13.0732, 6.1040,
57.6161

■ 25.0360, 19.8929,
59.6472

■ 11.9076, 5.0052,
57.4655

■ 30.1974, 26.1980,
60.5921

■ 11.5842, 4.7128,
57.4261

■ 36.3388, 33.8072,
61.7372

■ 43.5080, 42.7887,
63.0929

■ 51.7496, 53.2058,
64.6692

■ 61.1056, 65.1179,
66.4754

■ 71.6156, 78.5811,
68.5201

■ 83.3175, 93.6485,
70.8117

Harmonies

Analogous

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



11.1275, 10.8912, 74.3590



17.4408, 10.8912, 58.3097



22.9834, 10.8912, 30.4410

Triad

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



17.4408, 10.8912, 58.3097



15.6490, 10.8912, 0.0000



3.0086, 10.8912, 14.1620

Complementary

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



17.4408, 10.8912, 58.3097



41.7222, 53.4389, 13.7460

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.



3.4816, 10.8912, 2.9762



17.4408, 10.8912, 58.3097



9.6129, 10.8912, 0.0000

Square

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



17.4408, 10.8912, 58.3097



21.7187, 10.8912, 1.7180



5.5030, 10.8912, 0.0715



3.8608, 10.8912, 38.0394

Rectangle

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



17.4408, 10.8912, 58.3097



24.7246, 10.8912, 15.2114



5.5030, 10.8912, 0.0715



3.0208, 10.8912, 9.0388

Sweetspot

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



17.4414, 10.8915, 58.3100



66.9938, 64.5056, 103.5276



29.9792, 38.8765, 63.0508



13.6214, 12.9078, 22.0235



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.



17.4414, 10.8915, 58.3100



23.3613, 11.8854, 95.6706



27.3254, 15.9869, 58.7726



10.7770, 10.9343, 14.1129



7.3456, 2.9943, 36.1471



0.4355, 0.1836, 1.8674

Inverse Universe

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



35.3702, 20.4297, 45.7929



55.5458, 29.0596, 70.8593



29.6066, 47.1930, 13.1790



11.6023, 11.3696, 13.7062



20.2252, 9.9007, 24.7025



1.0657, 0.5197, 1.3916

Previews

White Background



This preview shows how the XYZ color 17.4408, 10.8912, 58.3097 looks on a white background.

Color Contrast Check

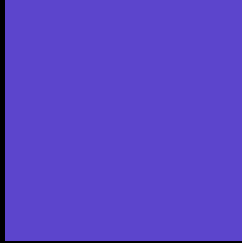
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4408, 10.8912, 58.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

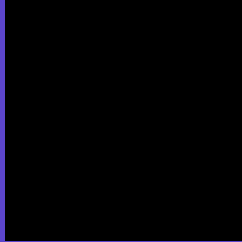
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4408, 10.8912, 58.3097

Background



This preview shows how black text looks on a background with the XYZ color 17.4408, 10.8912, 58.3097.



This preview shows how white text looks on a background with the XYZ color 17.4408, 10.8912,

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

17.4408, 10.8912, 58.3097

Protanopia

12.7577, 10.8189, 49.5600

Deuteranopia

10.7031, 10.8288, 36.1764



Tritanopia

8.8606, 10.8848, 15.5439

Trichromacy



Original Color

17.4408, 10.8912, 58.3097

Protanomaly

13.3821, 10.2530, 52.3126

Deuteranomaly

11.9909, 10.1933, 43.4550

Tritanomaly

10.8980, 10.2345, 26.9923

Monochromacy



Original Color

17.4408, 10.8912, 58.3097

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.5725, 10.0766, 23.1648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4408, 10.8912, 58.3097 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(92, 69, 204)` looks like.

```
.text, #text, p{  
    color:rgb(92, 69, 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(92, 69, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 69, 204) }
```

Border

The CSS property to change the border of an element to XYZ 17.4408, 10.8912, 58.3097 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(92, 69, 204) }
```


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

```
.border{ border-color:rgb(92, 69, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 69, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 69, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 69, 204);  
box-shadow:4px 4px 4px 4px rgb(92, 69,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4408, 10.8912, 58.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 69, 204) }
```

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

```
.background{ background-color: rgb(92, 69,  
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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