

Converting Colors

XYZ(50.5144, 48.0862, 58.4048)

Have a look what the booklet for
XYZ(50.5144, 48.0862, 58.4048)
contains.

XYZ(50.2775, 47.8282, 58.2116)	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(50.2775, 47.8282,
58.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB0C3
RGB	204, 176, 195
RGB Percent	80%, 69%, 76%
CMY	0.2000, 0.3098, 0.2353
CMYK	0.00, 0.14, 0.04, 0.20
HSL	319°, 22%, 75%
HSV	319°, 14%, 80%
XYZ	50.2775, 47.8282, 58.2116
YIQ	186.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

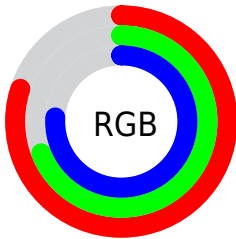
Format	Color
R_{YB}	204, 176, 195
Decimal	13414595
CIE _{Lab}	74.72, 13.35, -5.92
CIE _{LCh}	75, 14.605, 336.108
Yxy	47.8282, 0.3216, 0.3060
Android (android.graphics.Color)	4291604675 (0xFFCCB0C3)
YUV	186.5380, 4.1718, 15.3142
Hunter-Lab	69.1579, 8.7423, -1.4950

Details

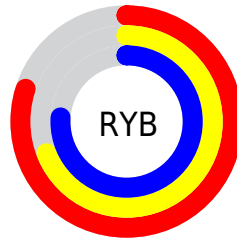
The XYZ color **50.2775, 47.8282, 58.2116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2562, 55.9199, 54.1519**, and the grayscale version is **46.9483, 49.3932, 53.7892**.

A 20% lighter version of the original color is **87.6673, 86.0015, 104.0748**, and **24.4684, 22.5730, 28.2667** is the 20% darker color. If you saturate the color by 10%, you get **45.8493, 40.1320, 53.1575**, and if you desaturate by 10%, it is **55.3421, 56.7438, 63.6396**.

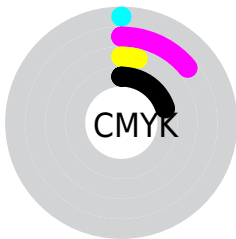
Distribution



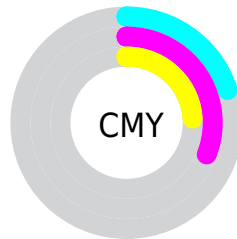
- Red (80%)
- Green (69%)
- Blue (76%)



- Red (80%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2775, 47.8282, 58.2116 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 50.2775, 47.8282, 58.2116 by changing the saturation by 10% instead.

■ 50.2775, 47.8282,
58.2116

■ 50.2775, 47.8282,
58.2116

378.1842,
378.1107, 435.5942

■ 35.8526, 33.6909,
41.5630

■ 89.7753, 86.9486,
103.7488

■ 24.4900, 22.6562,
28.4362

115.5789,
112.7004, 133.4743

■ 15.8242, 14.3399,
18.4128

145.9061,
143.0924, 168.3960

■ 9.4899, 8.3574,
11.0743

181.1223,
178.5092, 208.9323

■ 5.1217, 4.3245,
6.0020

221.5929,
219.3350, 255.5017

■ 2.3544, 1.8567,
2.7775

267.6832,

■ 0.8223, 0.5221,

265.9543, 308.5228

0.9822

319.7585,
318.7514, 368.4141

■ 0.0000, 0.0000,
0.0000

■ 50.2775, 47.8282,
58.2116

■ 50.2775, 47.8282,
58.2116

■ 45.8493, 40.1320,
53.1575

■ 55.3421, 56.7438,
63.6396

■ 42.0263, 33.5953,
48.4632

■ 61.0644, 66.9227,
69.4491

■ 38.7806, 28.1625,
44.1180

■ 67.4698, 78.4144,
75.6508

■ 36.0807, 23.7710,
40.1091

■ 73.7444, 89.5904,
81.9756

■ 33.8916, 20.3518,
36.4229

■ 74.6368, 89.9474,
86.6748

■ 32.1744, 17.8277,
33.0440

■ 75.5637, 90.3181,
91.5558

■ 30.8841, 16.1096,
29.9552

■ 76.5255, 90.7029,
96.6206

■ 29.9665, 15.0895,
27.1362

■ 77.5226, 91.1017,
101.8712

■ 29.5201, 14.6847,
25.4834

■ 78.5553, 91.5148,
107.3094

Harmonies

Analogous

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



48.5277, 47.8282, 64.7744



50.2775, 47.8282, 58.2116



50.7147, 47.8282, 50.5399

Triad

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



50.2775, 47.8282, 58.2116



44.9194, 47.8282, 38.8763



41.4668, 47.8282, 61.1556

Complementary

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



50.2775, 47.8282, 58.2116



48.2562, 55.9199, 54.1519

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.



40.5801, 47.8282, 53.6445



50.2775, 47.8282, 58.2116



42.5230, 47.8282, 41.1574

Square

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



50.2775, 47.8282, 58.2116



47.5537, 47.8282, 39.8448



40.9591, 47.8282, 46.3889



43.4272, 47.8282, 66.5863

Rectangle

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



50.2775, 47.8282, 58.2116



50.1885, 47.8282, 45.9171



40.9591, 47.8282, 46.3889



41.0368, 47.8282, 58.7640

Sweetspot

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



50.2789, 47.8303, 58.2126



91.3584, 93.4545, 105.0872



46.4018, 45.7104, 63.5048



19.4102, 19.7479, 22.3420



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.



50.2789, 47.8303, 58.2126



81.3468, 75.8583, 94.2678



48.7830, 47.2320, 50.3356



11.5281, 11.3400, 13.3158



18.6242, 9.2603, 16.2715



0.9945, 0.4912, 1.0170

Inverse Universe

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



50.2789, 47.8303, 58.2126



81.3468, 75.8583, 94.2678



49.7923, 56.5343, 62.2407



11.5281, 11.3400, 13.3158



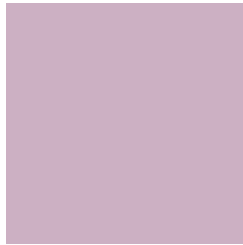
18.6242, 9.2603, 16.2715



0.9945, 0.4912, 1.0170

Previews

White Background



This preview shows how the XYZ color 50.2775, 47.8282, 58.2116 looks on a white background.

Color Contrast Check

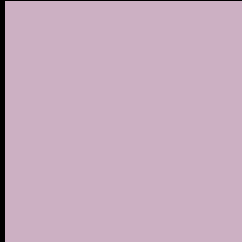
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 50.2775, 47.8282, 58.2116 looks on a black 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

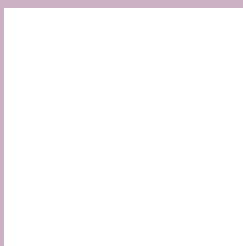
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2775, 47.8282, 58.2116

Background



This preview shows how black text looks on a background with the XYZ color 50.2775, 47.8282, 58.2116.



This preview shows how white text looks on a background with the XYZ color 50.2775, 47.8282,

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

50.2775, 47.8282, 58.2116

Protanopia

46.7707, 48.0578, 60.8438

Deuteranopia

48.9964, 48.0506, 58.3221



Tritanopia

49.7547, 47.9024, 55.9139

Trichromacy



Original Color

50.2775, 47.8282, 58.2116

Protanomaly

48.0002, 47.7961, 60.1218

Deuteranomaly

49.5901, 48.0603, 58.2926

Tritanomaly

49.8652, 47.9466, 56.4956

Monochromacy



Original Color

50.2775, 47.8282, 58.2116

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.2201, 48.9221, 55.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2775, 47.8282, 58.2116 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(204, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 195)  
}
```

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(204, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.2775, 47.8282, 58.2116 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(204, 176, 195) }
```


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

```
.border{ border-color:rgb(204, 176, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2775, 47.8282, 58.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 195) }
```

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

```
.background{ background-color: rgb(204,  
176, 195) }
```

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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