

Converting Colors

XYZ(51.8338, 48.8275, 62.5767)

Have a look what the booklet for
XYZ(51.8338, 48.8275, 62.5767)
contains.

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Color

**XYZ(51.8364, 48.8304,
62.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB1CA
RGB	206, 177, 202
RGB Percent	81%, 69%, 79%
CMY	0.1922, 0.3059, 0.2078
CMYK	0.00, 0.14, 0.02, 0.19
HSL	308°, 23%, 75%
HSV	308°, 14%, 81%
XYZ	51.8364, 48.8304, 62.5702
YIQ	188.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

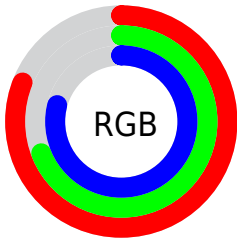
Format	Color
R_{YB}	206, 177, 202
Decimal	13545930
CIE _{Lab}	75.35, 14.78, -8.78
CIE _{LCh}	75, 17.192, 329.271
Yxy	48.8304, 0.3176, 0.2991
Android (android.graphics.Color)	4291736010 (0xFFCEB1CA)
YUV	188.5210, 6.6451, 15.3291
Hunter-Lab	69.8788, 10.1244, -4.1738

Details

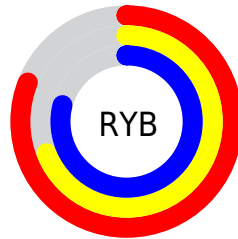
The XYZ color **51.8364, 48.8304, 62.5702** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.5452, 56.8273, 52.1289**, and the grayscale version is **48.0572, 50.5599, 55.0598**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **25.5018, 23.2288, 31.1565** is the 20% darker color. If you saturate the color by 10%, you get **47.7377, 41.1659, 59.5596**, and if you desaturate by 10%, it is **56.5583, 57.7300, 65.8203**.

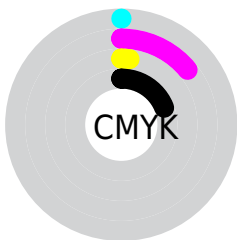
Distribution



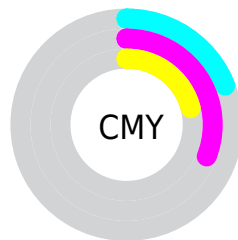
- Red (81%)
- Green (69%)
- Blue (79%)



- Red (81%)
- Yellow (69%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8364, 48.8304, 62.5702 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 51.8364, 48.8304, 62.5702 by changing the saturation by 10% instead.

■ 51.8364, 48.8304,
62.5702

■ 51.8364, 48.8304,
62.5702

384.1390,
382.0743, 452.0729

■ 37.0984, 34.4850,
45.0548

■ 92.0656, 88.4395,
110.1288

■ 25.4577, 23.2664,
31.1574

118.2875,
114.4720, 141.0091

■ 16.5490, 14.7903,
20.4592

149.0681,
145.1689, 177.1814

■ 10.0067, 8.6724,
12.5419

184.7728,
180.9147, 219.0644

■ 5.4657, 4.5281,
6.9869

225.7668,
222.0937, 267.0764

■ 2.5606, 1.9731,
3.3756

272.4157,

■ 0.9259, 0.5918,

269.0904, 321.6362

1.2895

325.0846,
322.2891, 383.1622

■ 0.0000, 0.0000,
0.0531

■ 0.0000, 0.0000,
0.0000

■ 51.8364, 48.8304,
62.5702

■ 51.8364, 48.8304,
62.5702

■ 47.7377, 41.1659,
59.5596

■ 56.5583, 57.7300,
65.8203

■ 44.2306, 34.6753,
56.7760

■ 61.9250, 67.9098,
69.3155

■ 41.2868, 29.3017,
54.2104

■ 67.9620, 79.4205,
73.0650

■ 38.8743, 24.9808,
51.8520

■ 73.2710, 89.4648,
76.6029

■ 36.9577, 21.6420,
49.6889

■ 73.6358, 89.6107,
78.5239

■ 35.4972, 19.2059,
47.7075

■ 74.0070, 89.7592,
80.4785

■ 34.4470, 17.5807,
45.8925

■ 74.3845, 89.9102,
82.4666

■ 33.7515, 16.6554,
44.2251

■ 74.7685, 90.0638,
84.4886

■ 33.4480, 16.3196,
43.2873

■ 75.1589, 90.2200,
86.5446

Harmonies

Analogous

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



49.4483, 48.8304, 69.8483



51.8364, 48.8304, 62.5702



52.7602, 48.8304, 53.3897

Triad

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



51.8364, 48.8304, 62.5702



46.4892, 48.8304, 37.5892



41.3080, 48.8304, 62.1437

Complementary

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



51.8364, 48.8304, 62.5702



48.5452, 56.8273, 52.1289

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.



40.5943, 48.8304, 52.9469



51.8364, 48.8304, 62.5702



43.5023, 48.8304, 39.3802

Square

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



51.8364, 48.8304, 62.5702



49.5881, 48.8304, 39.5617



41.3796, 48.8304, 44.7583



43.3741, 48.8304, 69.5831

Rectangle

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



51.8364, 48.8304, 62.5702



52.3905, 48.8304, 47.6260



41.3796, 48.8304, 44.7583



40.9062, 48.8304, 59.1240

Sweetspot

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



51.8378, 48.8325, 62.5713



91.6562, 93.5736, 106.6552



45.8897, 45.7107, 64.7977



19.4857, 19.7781, 22.7398



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.



51.8378, 48.8325, 62.5713



81.7980, 75.0129, 99.8064



50.2150, 48.1834, 54.0257



11.6184, 11.3761, 13.7910



20.6227, 10.0597, 26.7955



1.0827, 0.5265, 1.4814

Inverse Universe

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



51.8378, 48.8325, 62.5713



81.7980, 75.0129, 99.8064



50.0963, 57.4477, 60.2971



11.6184, 11.3761, 13.7910



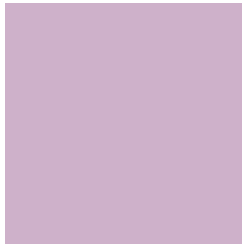
20.6227, 10.0597, 26.7955



1.0827, 0.5265, 1.4814

Previews

White Background



This preview shows how the XYZ color 51.8364, 48.8304, 62.5702 looks on a white background.

Color Contrast Check

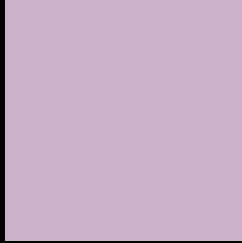
Large Text (above 18pt) WCAG AA × Fail

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 51.8364, 48.8304, 62.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

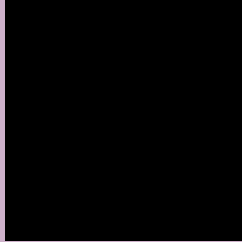
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8364, 48.8304, 62.5702

Background



This preview shows how black text looks on a background with the XYZ color 51.8364, 48.8304, 62.5702.



This preview shows how white text looks on a background with the XYZ color 51.8364, 48.8304,

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

51.8364, 48.8304, 62.5702

Protanopia

47.9314, 48.8533, 65.9348

Deuteranopia

49.8898, 48.7299, 62.0347



Tritanopia

50.9226, 49.0696, 57.2395

Trichromacy



Original Color

51.8364, 48.8304, 62.5702

Protanomaly

49.0292, 48.5319, 64.5411

Deuteranomaly

50.4821, 48.7366, 62.0048

Tritanomaly

51.0610, 48.8054, 58.9537

Monochromacy



Original Color

51.8364, 48.8304, 62.5702

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5922, 50.1951, 58.1138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8364, 48.8304, 62.5702 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(206, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 202)  
}
```

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(206, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.8364, 48.8304, 62.5702 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(206, 177, 202) }
```


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

```
.border{ border-color:rgb(206, 177, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8364, 48.8304, 62.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 202) }
```

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

```
.background{ background-color: rgb(206,  
177, 202) }
```

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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