

Converting Colors

XYZ(50.7901, 49.7321, 65.3568)

Have a look what the booklet for
XYZ(50.7901, 49.7321, 65.3568)
contains.

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Color

**XYZ(50.8945, 49.7824,
65.3191)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B6CE
RGB	197, 182, 206
RGB Percent	77%, 71%, 81%
CMY	0.2274, 0.2863, 0.1922
CMYK	0.04, 0.12, 0.00, 0.19
HSL	277°, 20%, 76%
HSV	277°, 12%, 81%
XYZ	50.8945, 49.7824, 65.3191
YIQ	189.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

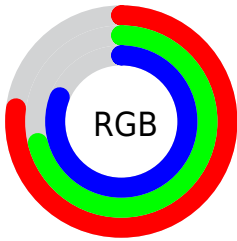
Format	Color
R _Y B	197, 182, 206
Decimal	12957390
CIE Lab	75.94, 9.75, -10.17
CIE LCh	76, 14.085, 313.787
Yxy	49.7824, 0.3066, 0.2999
Android (android.graphics.Color)	4291147470 (0xFFC5B6CE)
YUV	189.2210, 8.2720, 6.8222
Hunter-Lab	70.5566, 5.2830, -5.4991

Details

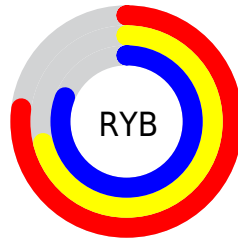
The XYZ color **50.8945, 49.7824, 65.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0024, 58.5977, 52.8280**, and the grayscale version is **48.4511, 50.9743, 55.5110**.

A 20% lighter version of the original color is **89.4976, 89.4399, 107.1543**, and **24.8454, 23.8072, 32.9915** is the 20% darker color. If you saturate the color by 10%, you get **45.0112, 40.9417, 63.9235**, and if you desaturate by 10%, it is **57.5051, 59.9220, 66.9286**.

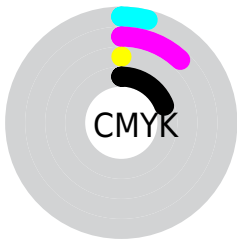
Distribution



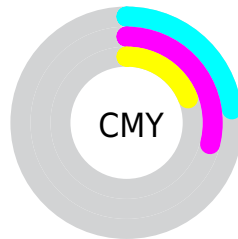
- Red (77%)
- Green (71%)
- Blue (81%)



- Red (77%)
- Yellow (71%)
- Blue (81%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8945, 49.7824, 65.3191 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 50.8945, 49.7824, 65.3191 by changing the saturation by 10% instead.

■ 50.8945, 49.7824,
65.3191

■ 50.8945, 49.7824,
65.3191

380.5482,
385.8144, 462.2754

■ 36.3454, 35.2405,
47.2669

■ 90.6827, 89.8524,
114.1262

■ 24.8724, 23.8482,
32.8908

116.6525,
116.1493, 145.7181

■ 16.1102, 15.2211,
21.7724

147.1599,
147.1333, 182.6604

■ 9.6935, 8.9747,
13.4930

182.5702,
183.1889, 225.3715

■ 5.2569, 4.7247,
7.6342

223.2489,
224.7004, 274.2700

■ 2.4351, 2.0866,
3.7774

269.5612,

■ 0.8626, 0.6571,

272.0522, 329.7744

1.5040

321.8725,
325.6287, 392.3034

■ 0.0000, 0.0000,
0.2209

■ 0.0000, 0.0000,
0.0000

■ 50.8945, 49.7824,
65.3191

■ 50.8945, 49.7824,
65.3191

■ 45.0112, 40.9417,
63.9235

■ 57.5051, 59.9220,
66.9286

■ 39.8221, 33.3387,
62.7295

■ 64.8653, 71.4055,
68.7572

■ 35.2983, 26.9169,
61.7284

■ 73.0020, 84.2838,
70.8141

■ 31.4066, 21.6125,
60.9096

■ 78.8653, 92.4546,
72.0822

■ 28.1111, 17.3558,
60.2617

■ 81.3701, 93.7459,
72.1994

■ 25.3714, 14.0689,
59.7717

■ 83.9858, 95.0943,
72.3218

■ 23.1418, 11.6627,
59.4247

■ 86.7138, 96.5007,
72.4495

■ 21.3676, 10.0307,
59.2032

■ 88.1407, 97.2363,
72.5163

■ 20.1552, 9.1034,
59.0882

Harmonies

Analogous

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



48.5293, 49.7824, 69.4833



50.8945, 49.7824, 65.3191



52.3285, 49.7824, 58.3397

Triad

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



50.8945, 49.7824, 65.3191



48.7393, 49.7824, 41.4801



42.5840, 49.7824, 57.7216

Complementary

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



50.8945, 49.7824, 65.3191



52.0024, 58.5977, 52.8280

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.



42.6355, 49.7824, 50.2696



50.8945, 49.7824, 65.3191



46.1244, 49.7824, 41.3478

Square

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



50.8945, 49.7824, 65.3191



51.0532, 49.7824, 44.8081



43.9106, 49.7824, 44.4283



43.7671, 49.7824, 64.8306

Rectangle

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



50.8945, 49.7824, 65.3191



52.5316, 49.7824, 53.2557



43.9106, 49.7824, 44.4283



42.4589, 49.7824, 55.1646

Sweetspot

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



50.8960, 49.7845, 65.3202



91.6103, 94.6757, 108.0536



49.1083, 51.7522, 65.7942



19.4156, 19.9672, 23.0807



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.



50.8960, 49.7845, 65.3202



79.9446, 76.8483, 105.2274



52.9863, 50.9011, 63.6582



11.2640, 11.1854, 14.1357



12.5213, 5.6625, 36.3893



0.7283, 0.3346, 1.8811

Inverse Universe

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



51.5872, 50.3414, 56.2904



81.3134, 77.9451, 87.6170



50.1003, 57.5833, 54.2647



11.3834, 11.2821, 12.5538



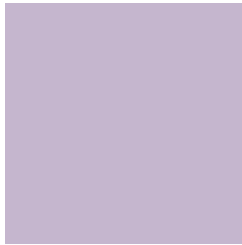
16.5475, 8.4296, 5.3356



0.8902, 0.4495, 0.4677

Previews

White Background



This preview shows how the XYZ color 50.8945, 49.7824, 65.3191 looks on a white background.

Color Contrast Check

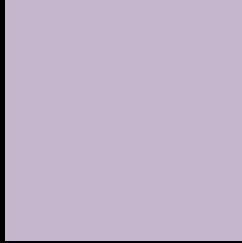
Large Text (above 18pt) WCAG AA × Fail

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 50.8945, 49.7824, 65.3191 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

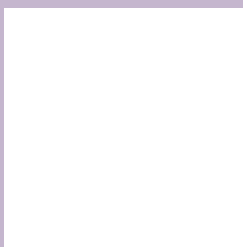
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8945, 49.7824, 65.3191

Background



This preview shows how black text looks on a background with the XYZ color 50.8945, 49.7824, 65.3191.



This preview shows how white text looks on a background with the XYZ color 50.8945, 49.7824,

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

50.8945, 49.7824, 65.3191

Protanopia

48.7112, 49.8622, 66.7315

Deuteranopia

50.8945, 49.7824, 65.3191



Tritanopia

49.8915, 49.6800, 60.3857

Trichromacy



Original Color

50.8945, 49.7824, 65.3191

Protanomaly

49.5977, 50.0217, 66.0726

Deuteranomaly

50.8945, 49.7824, 65.3191

Tritanomaly

50.2411, 49.8198, 62.2265

Monochromacy



Original Color

50.8945, 49.7824, 65.3191

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1475, 50.2644, 58.7414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8945, 49.7824, 65.3191 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(197, 182, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 206)  
}
```

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(197, 182, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.8945, 49.7824, 65.3191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

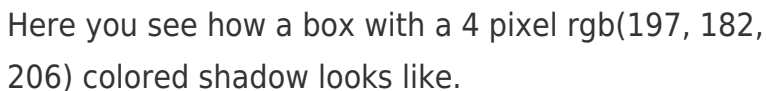
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 182, 206) }
```


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

```
.border{ border-color:rgb(197, 182, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 182, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 182, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 182, 206); box-shadow:4px 4px 4px 4px rgb(197, 182, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8945, 49.7824, 65.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 206) }
```

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

```
.background{ background-color: rgb(197,  
182, 206) }
```

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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