

Converting Colors

XYZ(50.5396, 47.9678, 64.7363)

Have a look what the booklet for
XYZ(50.5396, 47.9678, 64.7363)
contains.

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Color

**XYZ(50.6821, 48.1799,
65.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B1CE
RGB	200, 177, 206
RGB Percent	78%, 69%, 81%
CMY	0.2157, 0.3059, 0.1922
CMYK	0.03, 0.14, 0.00, 0.19
HSL	288°, 23%, 75%
HSV	288°, 14%, 81%
XYZ	50.6821, 48.1799, 65.0209
YIQ	187.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

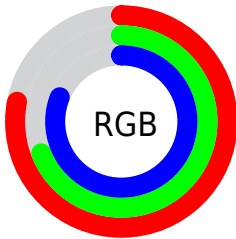
Format	Color
R _Y B	200, 177, 206
Decimal	13152718
CIE Lab	74.94, 13.48, -11.63
CIE LCh	75, 17.803, 319.212
Yxy	48.1799, 0.3093, 0.2940
Android (android.graphics.Color)	4291342798 (0xFFC8B1CE)
YUV	187.1830, 9.2768, 11.2405
Hunter-Lab	69.4117, 8.8641, -6.9512

Details

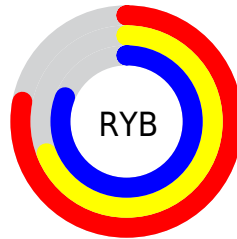
The XYZ color **50.6821, 48.1799, 65.0209** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **49.5374, 57.3855, 50.0631**, and the grayscale version is **47.2861, 49.7487, 54.1763**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **24.7292, 22.7933, 32.8019** is the 20% darker color. If you saturate the color by 10%, you get **45.7942, 40.0700, 63.7139**, and if you desaturate by 10%, it is **56.2188, 57.5387, 66.5362**.

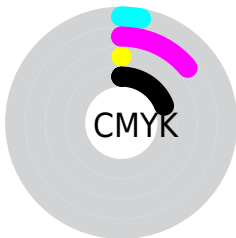
Distribution



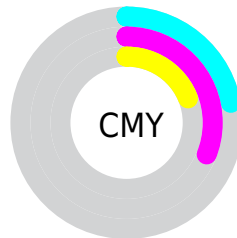
- Red (78%)
- Green (69%)
- Blue (81%)



- Red (78%)
- Yellow (69%)
- Blue (81%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6821, 48.1799, 65.0209 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 50.6821, 48.1799, 65.0209 by changing the saturation by 10% instead.

■ 50.6821, 48.1799,
65.0209

■ 50.6821, 48.1799,
65.0209

379.7355,
379.5048, 461.1753

■ 36.1757, 33.9694,
47.0266

■ 90.3705, 87.4722,
113.6935

■ 24.7407, 22.8701,
32.7022

116.2832,
113.3228, 145.2088

■ 16.0116, 14.4976,
21.6291

146.7286,
143.8221, 182.0682

■ 9.6233, 8.4676,
13.3889

182.0723,
179.3547, 224.6902

■ 5.2102, 4.3956,
7.5631

222.6794,
220.3048, 273.4934

■ 2.4072, 1.8972,
3.7329

268.9154,

■ 0.8487, 0.5467,

267.0570, 328.8963

1.4800

321.1456,
319.9955, 391.3174

■ 0.0000, 0.0000,
0.2030

■ 0.0000, 0.0000,
0.0000

■ 50.6821, 48.1799,
65.0209

■ 50.6821, 48.1799,
65.0209

■ 45.7942, 40.0700,
63.7139

■ 56.2188, 57.5387,
66.5362

■ 41.5232, 33.1478,
62.6029

■ 62.4259, 68.1918,
68.2653

■ 37.8406, 27.3562,
61.6791

■ 69.3295, 80.1898,
70.2173

■ 34.7142, 22.6309,
60.9318

■ 75.5312, 90.7359,
71.9261

■ 32.1083, 18.9011,
60.3492

■ 76.8151, 91.3977,
71.9861

■ 29.9830, 16.0872,
59.9181

■ 78.1320, 92.0766,
72.0478

■ 28.2921, 14.0974,
59.6231

■ 79.4821, 92.7726,
72.1110

■ 26.9798, 12.8205,
59.4458

■ 80.8657, 93.4859,
72.1757

■ 26.3221, 12.2826,
59.3767

■ 82.2829, 94.2165,
72.2420

Harmonies

Analogous

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



47.8776, 48.1799, 71.2085



50.6821, 48.1799, 65.0209



52.2005, 48.1799, 55.8762

Triad

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



50.6821, 48.1799, 65.0209



46.9715, 48.1799, 36.7908



40.1505, 48.1799, 58.5624

Complementary

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



50.6821, 48.1799, 65.0209



49.5374, 57.3855, 50.0631

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.



39.9336, 48.1799, 49.1854



50.6821, 48.1799, 65.0209



43.7709, 48.1799, 37.3297

Square

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



50.6821, 48.1799, 65.0209



49.9919, 48.1799, 40.0597



41.2299, 48.1799, 41.6304



41.8371, 48.1799, 67.1861

Rectangle

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



50.6821, 48.1799, 65.0209



52.2330, 48.1799, 49.6507



41.2299, 48.1799, 41.6304



39.9064, 48.1799, 55.3727

Sweetspot

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



50.6835, 48.1820, 65.0219



91.1097, 93.2658, 107.8078



46.2661, 47.7896, 65.1790



19.3469, 19.6999, 23.0327



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.



50.6835, 48.1820, 65.0219



79.5227, 73.7304, 104.6478



51.3453, 48.6354, 59.9778



11.4514, 11.2820, 14.1445



16.2905, 7.6056, 36.5657



0.8992, 0.4227, 1.8891

Inverse Universe

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



49.7247, 47.9872, 51.4439



77.6966, 73.3724, 78.2086



48.9844, 57.0029, 54.4419



11.3057, 11.2510, 12.1444



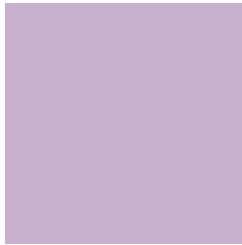
15.9666, 8.1972, 2.2766



0.8519, 0.4342, 0.2662

Previews

White Background



This preview shows how the XYZ color 50.6821, 48.1799, 65.0209 looks on a white background.

Color Contrast Check

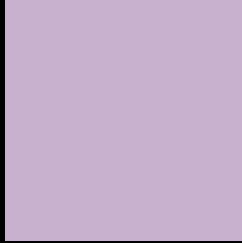
Large Text (above 18pt) WCAG AA × Fail

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 50.6821, 48.1799, 65.0209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

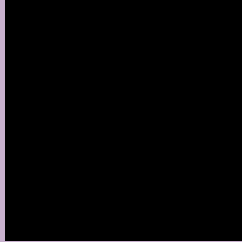
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6821, 48.1799, 65.0209

Background



This preview shows how black text looks on a background with the XYZ color 50.6821, 48.1799, 65.0209.



This preview shows how white text looks on a background with the XYZ color 50.6821, 48.1799,

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

50.6821, 48.1799, 65.0209

Protanopia

47.3887, 48.2234, 67.7832

Deuteranopia

49.3330, 48.3878, 64.4972



Tritanopia

49.0344, 48.0962, 57.1512

Trichromacy



Original Color

50.6821, 48.1799, 65.0209

Protanomaly

48.5260, 48.2160, 67.0706

Deuteranomaly

49.9045, 48.3837, 64.4664

Tritanomaly

49.6666, 48.0601, 60.0849

Monochromacy



Original Color

50.6821, 48.1799, 65.0209

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.4093, 48.9685, 57.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6821, 48.1799, 65.0209 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(200, 177, 206)` looks like.

```
.text, #text, p{  
    color:rgb(200, 177, 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(200, 177, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 177, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.6821, 48.1799, 65.0209 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(200, 177, 206) }
```


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

```
.border{ border-color:rgb(200, 177, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 177, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 177, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 177, 206);  
box-shadow:4px 4px 4px 4px rgb(200, 177,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6821, 48.1799, 65.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 177, 206) }
```

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

```
.background{ background-color: rgb(200,  
177, 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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