

Converting Colors

XYZ(50.4878, 48.9691, 65.1835)

Have a look what the booklet for
XYZ(50.4878, 48.9691, 65.1835)
contains.

XYZ(50.4878, 48.9691, 65.1835)	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(50.4878, 48.9691,
65.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B4CE
RGB	197, 180, 206
RGB Percent	77%, 71%, 81%
CMY	0.2274, 0.2941, 0.1922
CMYK	0.04, 0.13, 0.00, 0.19
HSL	279°, 21%, 76%
HSV	279°, 13%, 81%
XYZ	50.4878, 48.9691, 65.1835
YIQ	188.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

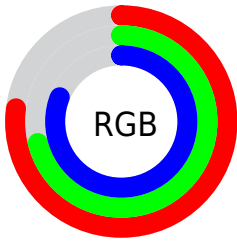
Format	Color
R _Y B	197, 180, 206
Decimal	12956878
CIE Lab	75.43, 10.83, -10.92
CIE LCh	75, 15.380, 314.770
Yxy	48.9691, 0.3067, 0.2974
Android (android.graphics.Color)	4291146958 (0xFFC5B4CE)
YUV	188.0470, 8.8508, 7.8518
Hunter-Lab	69.9779, 6.3231, -6.2433

Details

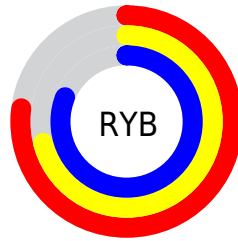
The XYZ color **50.4878, 48.9691, 65.1835** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **51.2976, 58.2580, 51.7237**, and the grayscale version is **47.7785, 50.2667, 54.7405**.

A 20% lighter version of the original color is **88.9185, 88.2817, 106.9613**, and **24.5846, 23.2854, 32.9045** is the 20% darker color. If you saturate the color by 10%, you get **44.8113, 40.3223, 63.8144**, and if you desaturate by 10%, it is **56.8736, 58.9017, 66.7649**.

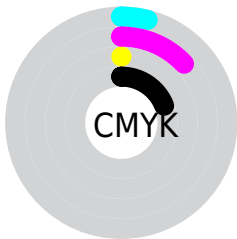
Distribution



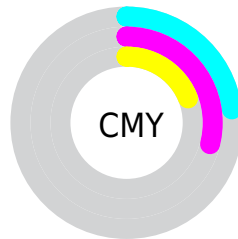
- Red (77%)
- Green (71%)
- Blue (81%)



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



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4878, 48.9691, 65.1835 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 50.4878, 48.9691, 65.1835 by changing the saturation by 10% instead.

■ 50.4878, 48.9691,
65.1835

■ 50.4878, 48.9691,
65.1835

378.9910,
382.6207, 461.7753

■ 36.0205, 34.5950,
47.1576

■ 90.0847, 88.6456,
113.9294

■ 24.6202, 23.3510,
32.8050

115.9451,
114.7167, 145.4865

■ 15.9216, 14.8529,
21.7072

146.3338,
145.4556, 182.3911

■ 9.5592, 8.7162,
13.4457

181.6163,
181.2467, 225.0618

■ 5.1677, 4.5566,
7.6018

222.1579,
222.4743, 273.9170

■ 2.3817, 1.9895,
3.7571

268.3240,

■ 0.8360, 0.6014,

269.5229, 329.3753

1.4931

320.4799,
322.7769, 391.8552

■ 0.0000, 0.0000,
0.2128

■ 0.0000, 0.0000,
0.0000

■ 50.4878, 48.9691,
65.1835

■ 50.4878, 48.9691,
65.1835

■ 44.8113, 40.3223,
63.8144

■ 56.8736, 58.9017,
66.7649

■ 39.8113, 32.9002,
62.6453

■ 63.9911, 70.1654,
68.5638

■ 35.4590, 26.6457,
61.6675

■ 71.8669, 82.8111,
70.5896

■ 31.7213, 21.4949,
60.8703

■ 78.1168, 92.0688,
72.0471

■ 28.5622, 17.3775,
60.2420

■ 80.3938, 93.2426,
72.1537

■ 25.9414, 14.2148,
59.7697

■ 82.7648, 94.4649,
72.2646

■ 23.8128, 11.9167,
59.4383

■ 85.2310, 95.7363,
72.3801

■ 22.1211, 10.3748,
59.2299

■ 87.7934, 97.0572,
72.5000

■ 21.0819, 9.5812,
59.1315

■ 88.1407, 97.2363,
72.5162

Harmonies

Analogous

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



47.9468, 48.9691, 69.8779



50.4878, 48.9691, 65.1835



52.0020, 48.9691, 57.5246

Triad

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



50.4878, 48.9691, 65.1835



47.9898, 48.9691, 39.6340



41.4709, 48.9691, 57.3975

Complementary

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



50.4878, 48.9691, 65.1835



51.2976, 58.2580, 51.7237

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.



41.4813, 48.9691, 49.3236



50.4878, 48.9691, 65.1835



45.1682, 48.9691, 39.6075

Square

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



50.4878, 48.9691, 65.1835



50.5204, 48.9691, 43.0661



42.8105, 48.9691, 42.9894



42.7813, 48.9691, 65.0824

Rectangle

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



50.4878, 48.9691, 65.1835



52.1879, 48.9691, 52.0317



42.8105, 48.9691, 42.9894



41.3218, 48.9691, 54.6274

Sweetspot

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



50.4893, 48.9712, 65.1846



90.5947, 93.0003, 107.7837



48.1840, 50.5998, 65.6204



19.2163, 19.6326, 23.0266



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.



50.4893, 48.9712, 65.1846



79.3335, 75.5514, 105.0093



52.4488, 50.0355, 62.8337



11.2959, 11.2018, 14.1372



13.0894, 5.9554, 36.4159



0.7550, 0.3483, 1.8824

Inverse Universe

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



50.9619, 49.4407, 55.0036



80.2702, 76.4696, 85.3862



49.5367, 57.3037, 53.7446



11.3700, 11.2767, 12.4829



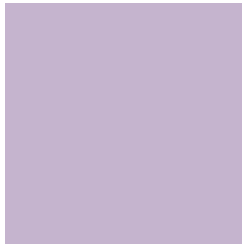
16.4216, 8.3792, 4.6727



0.8828, 0.4465, 0.4287

Previews

White Background



This preview shows how the XYZ color 50.4878, 48.9691, 65.1835 looks on a white background.

Color Contrast Check

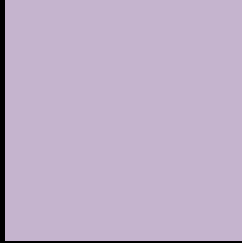
Large Text (above 18pt) WCAG AA × Fail

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 50.4878, 48.9691, 65.1835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

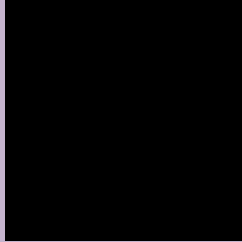
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4878, 48.9691, 65.1835

Background



This preview shows how black text looks on a background with the XYZ color 50.4878, 48.9691, 65.1835.



This preview shows how white text looks on a background with the XYZ color 50.4878, 48.9691,

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

50.4878, 48.9691, 65.1835

Protanopia

48.1490, 49.2465, 67.2894

Deuteranopia

50.1701, 49.1061, 65.2267



Tritanopia

49.1974, 49.0435, 59.0979

Trichromacy



Original Color

50.4878, 48.9691, 65.1835

Protanomaly

48.8122, 48.9858, 66.5570

Deuteranomaly

50.4294, 49.2397, 65.2388

Tritanomaly

49.7142, 48.9536, 61.4724

Monochromacy



Original Color

50.4878, 48.9691, 65.1835

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6851, 49.7144, 58.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4878, 48.9691, 65.1835 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, 180, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 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, 180, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.4878, 48.9691, 65.1835 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, 180, 206) }
```


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

```
.border{ border-color:rgb(197, 180, 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, 180, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4878, 48.9691, 65.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 206) }
```

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

```
.background{ background-color: rgb(197,  
180, 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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