

Converting Colors

XYZ(48.9496, 50.4367, 60.5814)

Have a look what the booklet for
XYZ(48.9496, 50.4367, 60.5814)
contains.

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Color

**XYZ(48.9496, 50.4367,
60.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBBC6
RGB	189, 187, 198
RGB Percent	74%, 73%, 78%
CMY	0.2588, 0.2666, 0.2235
CMYK	0.05, 0.06, 0.00, 0.22
HSL	251°, 9%, 75%
HSV	251°, 6%, 78%
XYZ	48.9496, 50.4367, 60.5814
YIQ	188.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

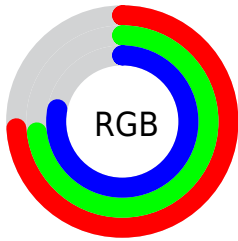
Format	Color
R_{YB}	189, 187, 198
Decimal	12434374
CIE Lab	76.34, 2.78, -5.30
CIE LCh	76, 5.980, 297.686
Yxy	50.4367, 0.3060, 0.3153
Android (android.graphics.Color)	4290624454 (0xFFBDBBC6)
YUV	188.8520, 4.5100, 0.1298
Hunter-Lab	71.0188, -1.2520, -0.8632

Details

The XYZ color **48.9496, 50.4367, 60.5814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9306, 55.7132, 55.0330**, and the grayscale version is **48.2624, 50.7758, 55.2949**.

A 20% lighter version of the original color is **87.7568, 90.7337, 107.4958**, and **23.7125, 24.2981, 29.8258** is the 20% darker color. If you saturate the color by 10%, you get **41.2380, 40.6507, 59.0997**, and if you desaturate by 10%, it is **57.6925, 61.6168, 62.2794**.

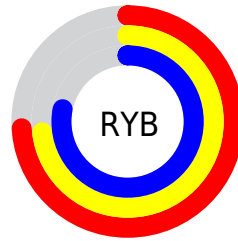
Distribution



Red (74%)

Green (73%)

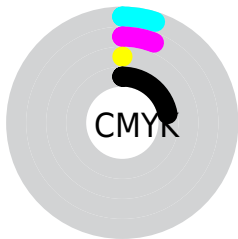
Blue (78%)



Red (74%)

Yellow (73%)

Blue (78%)

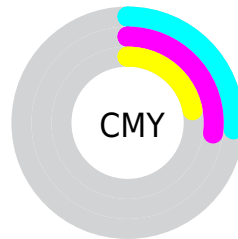


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9496, 50.4367, 60.5814 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 48.9496, 50.4367, 60.5814 by changing the saturation by 10% instead.

■ 48.9496, 50.4367,
60.5814

■ 48.9496, 50.4367,
60.5814

373.0641,
388.3713, 444.6015

■ 34.7939, 35.7605,
43.4591

■ 87.8178, 90.8216,
107.2242

■ 23.6699, 24.2493,
29.9114

113.2609,
117.2990, 137.5818

■ 15.2123, 15.5186,
19.5199

143.1972,
148.4791, 173.1882

■ 9.0558, 9.1842,
11.8659

177.9921,
184.7460, 214.4619

■ 4.8350, 4.8615,
6.5310

218.0109,
226.4843, 261.8216

■ 2.1845, 2.1662,
3.0966

263.6189,

■ 0.7346, 0.7015,

274.0784, 315.6857

1.1442

315.1815,
327.9126, 376.4728

■ 0.0000, 0.0000,
0.0000

■ 48.9496, 50.4367,
60.5814

■ 48.9496, 50.4367,
60.5814

■ 41.2380, 40.6507,
59.0997

■ 57.6925, 61.6168,
62.2794

■ 34.5149, 32.1977,
57.8225

■ 67.4985, 74.2363,
64.1983

■ 28.7413, 25.0216,
56.7417

■ 78.4034, 88.3462,
66.3471

■ 23.8735, 19.0597,
55.8475

■ 86.7608, 96.6344,
67.5064

■ 19.8647, 14.2440,
55.1292

■ 87.1932, 96.8573,
67.5266

■ 16.6635, 10.4998,
54.5752

■ 14.2129, 7.7431,
54.1723

■ 12.4480, 5.8776,
53.9052

■ 11.2916, 4.7854,
53.7554

Harmonies

Analogous

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



47.8514, 50.4367, 61.3356



48.9496, 50.4367, 60.5814



49.7881, 50.4367, 58.2921

Triad

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



48.9496, 50.4367, 60.5814



49.1030, 50.4367, 49.8511



45.8117, 50.4367, 54.6675

Complementary

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



48.9496, 50.4367, 60.5814



51.9306, 55.7132, 55.0330

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.



46.1354, 50.4367, 51.6748



48.9496, 50.4367, 60.5814



48.0259, 50.4367, 48.9626

Square

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



48.9496, 50.4367, 60.5814



49.8776, 50.4367, 52.0915



46.9416, 50.4367, 49.6172



46.0504, 50.4367, 57.8429

Rectangle

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



48.9496, 50.4367, 60.5814



50.0809, 50.4367, 56.2475



46.9416, 50.4367, 49.6172



45.8582, 50.4367, 53.6077

Sweetspot

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



48.9511, 50.4388, 60.5825



91.9255, 96.0060, 108.2938



50.4658, 54.1986, 61.2284



19.7086, 20.5911, 23.1857



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.



48.9511, 50.4388, 60.5825



84.4457, 86.4691, 106.8472



50.2989, 51.1337, 60.6456



10.5652, 10.8004, 13.4453



7.1536, 2.9220, 34.9313



0.3950, 0.1674, 1.6566

Inverse Universe

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



51.0247, 51.5343, 59.4851



89.1001, 88.9283, 104.3641



50.5675, 55.0104, 54.9692



11.1832, 11.1269, 13.1149



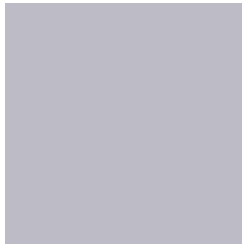
19.4182, 9.5168, 23.2099



0.9416, 0.4595, 1.2156

Previews

White Background



This preview shows how the XYZ color 48.9496, 50.4367, 60.5814 looks on a white background.

Color Contrast Check

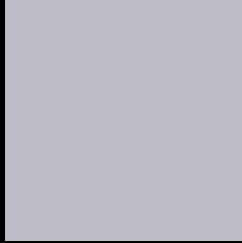
Large Text (above 18pt) WCAG AA × Fail

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 48.9496, 50.4367, 60.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

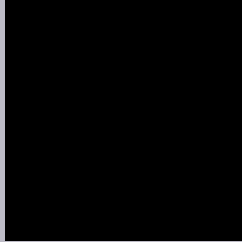
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9496, 50.4367, 60.5814

Background



This preview shows how black text looks on a background with the XYZ color 48.9496, 50.4367, 60.5814.

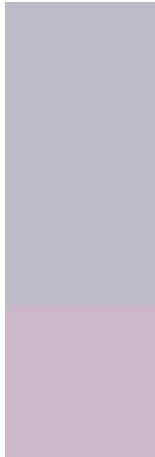


This preview shows how white text looks on a background with the XYZ color 48.9496, 50.4367,

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

48.9496, 50.4367, 60.5814

Protanopia

48.9496, 50.4367, 60.5814

Deuteranopia

51.5994, 50.5471, 61.0698



Tritanopia

49.3367, 50.2820, 62.3634

Trichromacy



Original Color

48.9496, 50.4367, 60.5814

Protanomaly

48.9496, 50.4367, 60.5814

Deuteranomaly

50.4753, 50.2748, 61.0765

Tritanomaly

49.2194, 50.2351, 61.7458

Monochromacy



Original Color

48.9496, 50.4367, 60.5814

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4839, 50.5910, 57.0788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9496, 50.4367, 60.5814 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(189, 187, 198) looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 198)  
}
```

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(189, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.9496, 50.4367, 60.5814 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(189, 187, 198) }
```


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

```
.border{ border-color:rgb(189, 187, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9496, 50.4367, 60.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 187, 198) }
```

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

```
.background{ background-color: rgb(189,  
187, 198) }
```

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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