

Converting Colors

XYZ(48.5598, 50.3496, 54.4985)

Have a look what the booklet for
XYZ(48.5598, 50.3496, 54.4985)
contains.

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Color

**XYZ(48.5857, 50.3780,
54.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BBBC
RGB	192, 187, 188
RGB Percent	75%, 73%, 74%
CMY	0.2471, 0.2666, 0.2627
CMYK	0.00, 0.03, 0.02, 0.25
HSL	348°, 4%, 74%
HSV	348°, 3%, 75%
XYZ	48.5857, 50.3780, 54.7401
YIQ	188.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

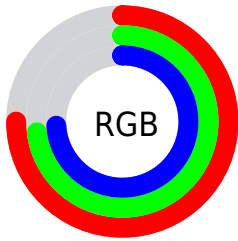
Format	Color
R _Y B	192, 187, 188
Decimal	12630972
CIE Lab	76.30, 1.94, 0.11
CIE LCh	76, 1.940, 3.230
Yxy	50.3780, 0.3161, 0.3278
Android (android.graphics.Color)	4290821052 (0xFFC0BBBC)
YUV	188.6090, -0.3002, 2.9739
Hunter-Lab	70.9775, -2.0232, 3.9579

Details

The XYZ color **48.5857, 50.3780, 54.7401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7491, 52.0271, 56.7658**, and the grayscale version is **48.1484, 50.6558, 55.1642**.

A 20% lighter version of the original color is **87.0911, 90.5893, 98.4832**, and **23.5457, 24.2884, 26.3688** is the 20% darker color. If you saturate the color by 10%, you get **43.2123, 42.1426, 45.2048**, and if you desaturate by 10%, it is **54.6831, 59.7775, 65.3887**.

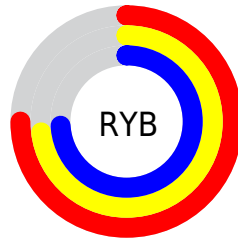
Distribution



Red (75%)

Green (73%)

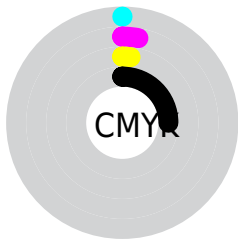
Blue (74%)



Red (75%)

Yellow (73%)

Blue (74%)

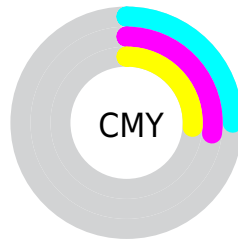


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5857, 50.3780, 54.7401 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 48.5857, 50.3780, 54.7401 by changing the saturation by 10% instead.

■ 48.5857, 50.3780,
54.7401

■ 48.5857, 50.3780,
54.7401

371.6531,
388.1423, 422.1801

■ 34.5041, 35.7138,
38.7965

■ 87.2802, 90.7347,
98.6274

■ 23.4459, 24.2133,
26.2948

112.6239,
117.1960, 127.4081

■ 15.0456, 15.4919,
16.8166

142.4523,
148.3585, 161.3050

■ 8.9379, 9.1653,
9.9432

177.1309,
184.6065, 200.7365

■ 4.7575, 4.8492,
5.2562

217.0249,
226.3246, 246.1213

■ 2.1390, 2.1590,
2.3370

262.4996,

■ 0.7103, 0.6975,

273.8969, 297.8778

0.7518

313.9206,
327.7080, 356.4245

■ 0.0000, 0.0000,
0.0000

■ 48.5857, 50.3780,
54.7401

■ 48.5857, 50.3780,
54.7401

■ 43.2123, 42.1426,
45.2048

■ 54.6831, 59.7775,
65.3887

■ 38.5315, 35.0198,
36.7434

■ 61.5257, 70.3772,
77.1818

■ 34.5163, 28.9635,
29.3188

■ 69.1392, 82.2198,
90.1534

■ 31.1360, 23.9224,
22.8909

■ 74.6731, 89.5965,
103.3772

■ 28.3574, 19.8405,
17.4166

■ 75.5486, 89.9466,
107.9873

■ 26.1443, 16.6565,
12.8496

■ 24.4567, 14.3021,
9.1399

■ 23.2489, 12.6990,
6.2322

■ 22.4669, 11.7536,
4.0644

Harmonies

Analogous

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



48.5110, 50.3780, 55.7618



48.5857, 50.3780, 54.7401



48.4712, 50.3780, 53.7608

Triad

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



48.5857, 50.3780, 54.7401



47.4999, 50.3780, 53.1917



47.5679, 50.3780, 56.6641

Complementary

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



48.5857, 50.3780, 54.7401



48.7491, 52.0271, 56.7658

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.



47.2991, 50.3780, 55.9600



48.5857, 50.3780, 54.7401



47.2600, 50.3780, 53.9543

Square

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



48.5857, 50.3780, 54.7401



47.8433, 50.3780, 52.8740



47.1867, 50.3780, 54.9662



47.9223, 50.3780, 56.8809

Rectangle

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



48.5857, 50.3780, 54.7401



48.3034, 50.3780, 53.2614



47.1867, 50.3780, 54.9662



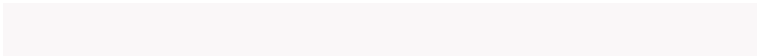
47.4646, 50.3780, 56.4762

Sweetspot

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



48.5871, 50.3802, 54.7412



89.6997, 93.8437, 102.1111



48.7723, 50.4251, 57.0324



19.2552, 20.1505, 21.9267



92.9021, 97.7402, 106.4391



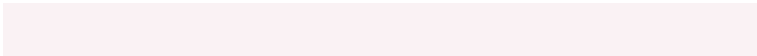
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5871, 50.3802, 54.7412



87.5744, 90.5754, 98.3741



48.7997, 50.9767, 54.2838



10.8469, 11.1733, 12.1270



14.8888, 7.6453, 2.0604



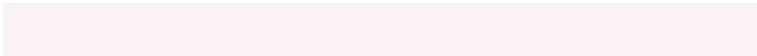
0.6682, 0.3403, 0.2203

Inverse Universe

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



48.5871, 50.3802, 54.7412



87.5744, 90.5754, 98.3741



48.5317, 51.4161, 57.2364



10.8469, 11.1733, 12.1270



14.8888, 7.6453, 2.0604



0.6682, 0.3403, 0.2203

Previews

White Background



This preview shows how the XYZ color 48.5857, 50.3780, 54.7401 looks on a white background.

Color Contrast Check

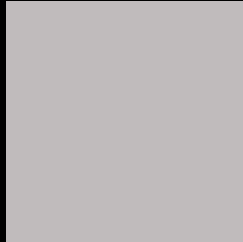
Large Text (above 18pt) WCAG AA × Fail

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 48.5857, 50.3780, 54.7401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

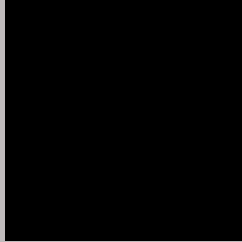
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

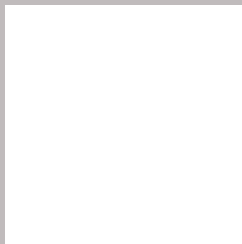
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5857, 50.3780, 54.7401

Background



This preview shows how black text looks on a background with the XYZ color 48.5857, 50.3780, 54.7401.

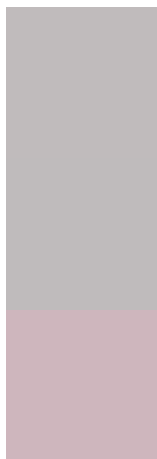


This preview shows how white text looks on a background with the XYZ color 48.5857, 50.3780,

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

48.5857, 50.3780, 54.7401

Protanopia

48.3333, 50.2479, 54.7283

Deuteranopia

51.3669, 50.2518, 55.1364



Tritanopia

50.0224, 50.3374, 61.7232

Trichromacy



Original Color

48.5857, 50.3780, 54.7401

Protanomaly

48.3333, 50.2479, 54.7283

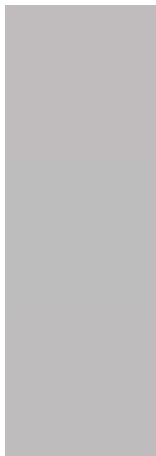
Deuteranomaly

50.4132, 50.3726, 55.2099

Tritanomaly

49.5150, 50.4408, 59.3509

Monochromacy



Original Color

48.5857, 50.3780, 54.7401

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4037, 50.5877, 55.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5857, 50.3780, 54.7401 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(192, 187, 188) looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 188)  
}
```

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(192, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.5857, 50.3780, 54.7401 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(192, 187, 188) }
```


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

```
.border{ border-color:rgb(192, 187, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5857, 50.3780, 54.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 188) }
```

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

```
.background{ background-color: rgb(192,  
187, 188) }
```

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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