

Converting Colors

XYZ(50.8719, 54.6542, 48.9106)

Have a look what the booklet for
XYZ(50.8719, 54.6542, 48.9106)
contains.

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Color

**XYZ(50.8651, 54.6202,
48.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C4B0
RGB	198, 196, 176
RGB Percent	78%, 77%, 69%
CMY	0.2235, 0.2314, 0.3098
CMYK	0.00, 0.01, 0.11, 0.22
HSL	55°, 16%, 73%
HSV	55°, 11%, 78%
XYZ	50.8651, 54.6202, 48.9362
YIQ	194.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

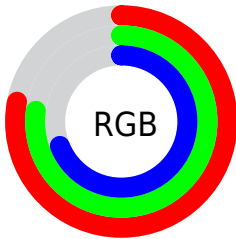
Format	Color
RYB	178, 198, 176
Decimal	13026480
CIELab	78.82, -2.77, 10.29
CIELCh	79, 10.655, 105.088
Yxy	54.6202, 0.3294, 0.3537
Android (android.graphics.Color)	4291216560 (0xFFC6C4B0)
YUV	194.3180, -9.0308, 3.2291
Hunter-Lab	73.9055, -6.4828, 12.4752

Details

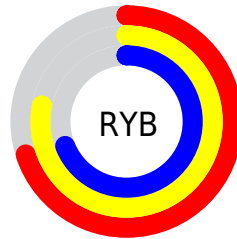
The XYZ color **50.8651, 54.6202, 48.9362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0179, 45.1473, 59.8209**, and the grayscale version is **51.5164, 54.1993, 59.0230**.

A 20% lighter version of the original color is **90.9308, 97.3368, 90.3392**, and **24.7498, 26.7054, 22.5891** is the 20% darker color. If you saturate the color by 10%, you get **48.6450, 53.0895, 39.2254**, and if you desaturate by 10%, it is **53.3789, 56.2798, 60.1560**.

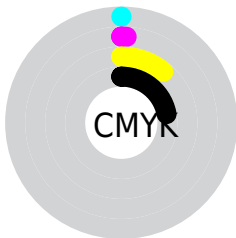
Distribution



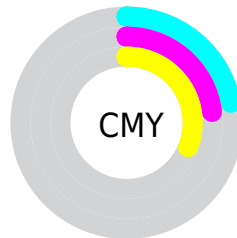
- Red (78%)
- Green (77%)
- Blue (69%)



- Red (70%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8651, 54.6202, 48.9362 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 50.8651, 54.6202, 48.9362 by changing the saturation by 10% instead.

■ 50.8651, 54.6202,
48.9362

■ 50.8651, 54.6202,
48.9362

380.4357,
404.4706, 399.1063

■ 36.3219, 39.0977,
34.2036

■ 90.6395, 96.9843,
89.9767

■ 24.8541, 26.8358,
22.7714

116.6014,
124.5946, 117.1217

■ 16.0966, 17.4499,
14.2211

147.1002,
157.0031, 149.2413

■ 9.6838, 10.5558,
8.1341

182.5013,
194.5941, 186.7539

■ 5.2505, 5.7690,
4.0919

223.1701,
237.7519, 230.0782

■ 2.4312, 2.7051,
1.6759

269.4718,

■ 0.8607, 0.9798,

286.8610, 279.6327

0.3441

321.7719,
342.3058, 335.8359

■ 0.0000, 0.0000,
0.0000

■ 50.8651, 54.6202,
48.9362

■ 50.8651, 54.6202,
48.9362

■ 48.6450, 53.0895,
39.2254

■ 53.3789, 56.2798,
60.1560

■ 46.7017, 51.6754,
30.9553

■ 56.1934, 58.0656,
72.9422

■ 45.0235, 50.3751,
24.0574

■ 59.3211, 59.9846,
87.3536

■ 43.5961, 49.1827,
18.4562

■ 62.7399, 62.0278,
103.2736

■ 42.4037, 48.0921,
14.0692

■ 63.1671, 62.8823,
103.4160

■ 41.4288, 47.0960,
10.8042

■ 63.5993, 63.7466,
103.5600

■ 40.6515, 46.1866,
8.5558

■ 64.0364, 64.6209,
103.7057

■ 40.0479, 45.3543,
7.1988

■ 64.4785, 65.5050,
103.8531

■ 39.6176, 44.6632,
6.5328

■ 64.9256, 66.3992,
104.0021

Harmonies

Analogous

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



52.9668, 54.6202, 48.9281



50.8651, 54.6202, 48.9362



49.0921, 54.6202, 51.6341

Triad

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



50.8651, 54.6202, 48.9362



49.1006, 54.6202, 68.0933



55.9381, 54.6202, 62.5150

Complementary

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



50.8651, 54.6202, 48.9362



44.0179, 45.1473, 59.8209

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.



54.8438, 54.6202, 68.0656



50.8651, 54.6202, 48.9362



50.8770, 54.6202, 71.4316

Square

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



50.8651, 54.6202, 48.9362



48.0923, 54.6202, 62.5507



52.9790, 54.6202, 71.4211



55.9347, 54.6202, 56.4962

Rectangle

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



50.8651, 54.6202, 48.9362



48.3187, 54.6202, 54.7071



52.9790, 54.6202, 71.4211



55.6852, 54.6202, 64.5060

Sweetspot

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



50.8666, 54.6226, 48.9374



93.6216, 99.0750, 102.4681



46.8707, 46.2796, 48.6881



19.9589, 21.1540, 21.5737



0.0000, 0.0000, 0.0000



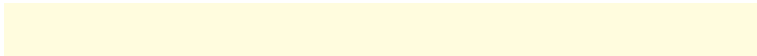
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8666, 54.6226, 48.9374



89.2127, 96.1419, 82.8571



49.0671, 54.3678, 48.9830



11.4385, 12.2461, 11.3236



25.7969, 29.1111, 4.2594



1.2461, 1.4277, 0.2099

Inverse Universe

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



44.0179, 45.1473, 59.8209



75.0150, 76.4994, 105.4199



45.6785, 45.4181, 59.7856



10.1328, 10.4396, 13.3985



6.7969, 2.9877, 34.9628



0.3490, 0.1959, 1.6646

Previews

White Background



This preview shows how the XYZ color 50.8651, 54.6202, 48.9362 looks on a white background.

Color Contrast Check

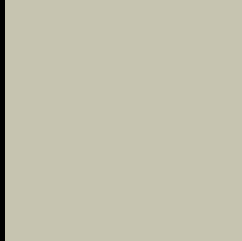
Large Text (above 18pt) WCAG AA × Fail

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 50.8651, 54.6202, 48.9362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

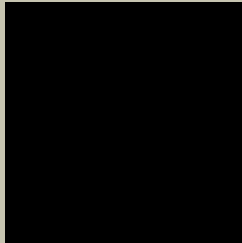
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

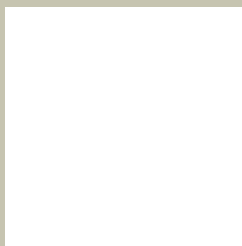
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8651, 54.6202, 48.9362

Background



This preview shows how black text looks on a background with the XYZ color 50.8651, 54.6202, 48.9362.



This preview shows how white text looks on a background with the XYZ color 50.8651, 54.6202,

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

50.8651, 54.6202, 48.9362

Protanopia

51.6583, 54.3752, 48.3302

Deuteranopia

55.5343, 54.3964, 49.6921



Tritanopia

54.4692, 54.7608, 66.7305

Trichromacy



Original Color

50.8651, 54.6202, 48.9362

Protanomaly

51.3404, 54.5429, 48.3793

Deuteranomaly

53.7180, 54.4330, 49.2703

Tritanomaly

53.1212, 54.5430, 59.9526

Monochromacy



Original Color

50.8651, 54.6202, 48.9362

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9904, 54.2202, 54.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8651, 54.6202, 48.9362 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(198, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 176)  
}
```

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(198, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 176) }
```

Border

The CSS property to change the border of an element to XYZ 50.8651, 54.6202, 48.9362 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(198, 196, 176) }
```


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

```
.border{ border-color:rgb(198, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8651, 54.6202, 48.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 176) }
```

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

```
.background{ background-color: rgb(198,  
196, 176) }
```

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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