

Converting Colors

XYZ(50.3575, 52.0107, 51.1010)

Have a look what the booklet for
XYZ(50.3575, 52.0107, 51.1010)
contains.

XYZ(50.3575, 52.0107, 51.1010)	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(50.3575, 52.0107,
51.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BDB5
RGB	200, 189, 181
RGB Percent	78%, 74%, 71%
CMY	0.2157, 0.2588, 0.2902
CMYK	0.00, 0.05, 0.09, 0.22
HSL	25°, 15%, 75%
HSV	25°, 9%, 78%
XYZ	50.3575, 52.0107, 51.1010
YIQ	191.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

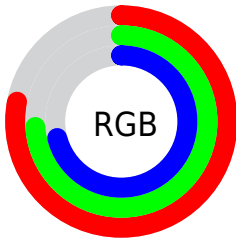
Format	Color
R _Y B	200, 195, 181
Decimal	13155765
CIE Lab	77.29, 2.49, 5.42
CIE LCh	77, 5.959, 65.335
Yxy	52.0107, 0.3281, 0.3389
Android (android.graphics.Color)	4291345845 (0xFFC8BDB5)
YUV	191.3770, -5.1159, 7.5624
Hunter-Lab	72.1184, -1.5677, 8.4718

Details

The XYZ color **50.3575, 52.0107, 51.1010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3310, 51.6924, 62.0745**, and the grayscale version is **49.7663, 52.3581, 57.0179**.

A 20% lighter version of the original color is **89.1785, 92.6792, 93.3094**, and **24.5545, 25.2778, 24.0070** is the 20% darker color. If you saturate the color by 10%, you get **46.0599, 46.4669, 40.2602**, and if you desaturate by 10%, it is **55.1514, 58.0744, 63.5619**.

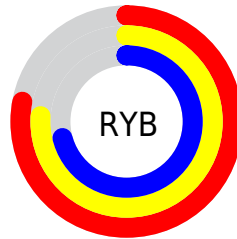
Distribution



Red (78%)

Green (74%)

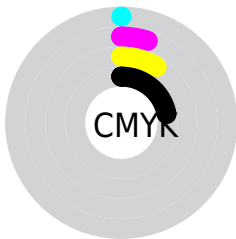
Blue (71%)



Red (78%)

Yellow (76%)

Blue (71%)

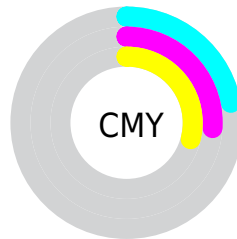


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3575, 52.0107, 51.1010 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 50.3575, 52.0107, 51.1010 by changing the saturation by 10% instead.

■ 50.3575, 52.0107,
51.1010

■ 50.3575, 52.0107,
51.1010

378.4913,
394.4779, 407.8138

■ 35.9165, 37.0136,
35.9117

■ 89.8930, 93.1470,
93.2171

■ 24.5395, 25.2180,
24.0769

115.7182,
120.0550, 120.9810

■ 15.8612, 16.2396,
15.1779

146.0689,
151.7021, 153.7734

■ 9.5162, 9.6938,
8.7963

181.3103,
188.4727, 192.0130

■ 5.1392, 5.1964,
4.5136

221.8079,
230.7512, 236.1184

■ 2.3648, 2.3630,
1.9111

267.9270,

■ 0.8275, 0.8067,

278.9220, 286.5079

0.4998

320.0330,
333.3694, 343.6002

■ 0.0000, 0.0000,
0.0000

■ 50.3575, 52.0107,
51.1010

■ 50.3575, 52.0107,
51.1010

■ 46.0599, 46.4669,
40.2602

■ 55.1514, 58.0744,
63.5619

■ 42.2372, 41.4220,
30.9689

■ 60.4534, 64.6647,
77.7030

■ 38.8726, 36.8633,
23.1560

■ 66.2805, 71.7971,
93.5853

■ 35.9467, 32.7751,
16.7438

■ 71.6657, 79.0915,
106.0968

■ 33.4384, 29.1406,
11.6471

■ 75.0942, 85.9485,
107.2396

■ 31.3248, 25.9421,
7.7713

■ 77.6297, 91.0195,
108.0847

■ 29.5801, 23.1600,
5.0092

■ 28.1747, 20.7730,
3.2341

■ 27.0601, 18.7515,
2.2219

Harmonies

Analogous

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



51.2494, 52.0107, 53.0678



50.3575, 52.0107, 51.1010



49.2305, 52.0107, 50.5919

Triad

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



50.3575, 52.0107, 51.1010



47.2784, 52.0107, 57.2181



50.7167, 52.0107, 61.9226

Complementary

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



50.3575, 52.0107, 51.1010



48.3310, 51.6924, 62.0745

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.



49.6392, 52.0107, 63.1321



50.3575, 52.0107, 51.1010



47.6632, 52.0107, 60.3499

Square

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



50.3575, 52.0107, 51.1010



47.4640, 52.0107, 54.0444



48.5231, 52.0107, 62.5458



51.4590, 52.0107, 59.2984

Rectangle

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



50.3575, 52.0107, 51.1010



48.5001, 52.0107, 51.1300



48.5231, 52.0107, 62.5458



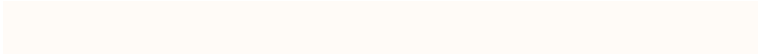
50.3811, 52.0107, 62.5126

Sweetspot

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



50.3589, 52.0130, 51.1021



92.4463, 96.7246, 102.0764



49.8676, 49.1373, 56.7744



19.6413, 20.5187, 21.4679



0.0000, 0.0000, 0.0000



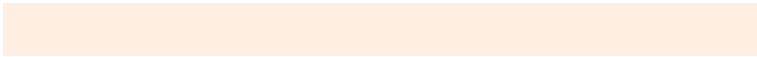
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3589, 52.0130, 51.1021



85.8962, 88.3992, 85.1724



52.4500, 56.1952, 51.7991



10.9949, 11.3590, 11.1758



17.2578, 12.0327, 1.4130



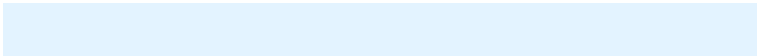
0.8885, 0.7124, 0.0907

Inverse Universe

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



48.3310, 51.6924, 62.0745



81.8186, 87.7543, 107.2337



46.3298, 47.6900, 61.4075



10.5579, 11.2899, 13.5402



10.6720, 10.7379, 36.2545



0.5759, 0.6495, 1.7402

Previews

White Background



This preview shows how the XYZ color 50.3575, 52.0107, 51.1010 looks on a white background.

Color Contrast Check

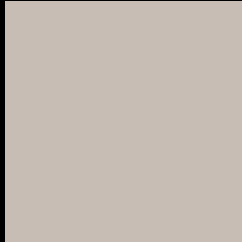
Large Text (above 18pt) WCAG AA × Fail

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 50.3575, 52.0107, 51.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

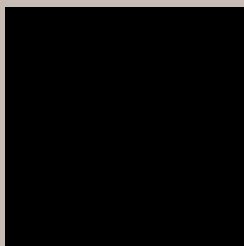
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

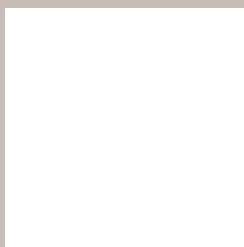
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3575, 52.0107, 51.1010

Background



This preview shows how black text looks on a background with the XYZ color 50.3575, 52.0107, 51.1010.

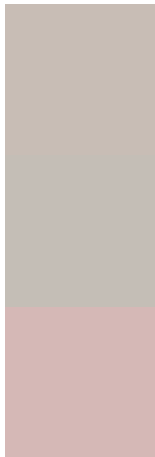


This preview shows how white text looks on a background with the XYZ color 50.3575, 52.0107,

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

50.3575, 52.0107, 51.1010

Protanopia

49.6219, 51.9401, 51.6661

Deuteranopia

53.0246, 51.8045, 51.4605



Tritanopia

52.7301, 52.0314, 62.5222

Trichromacy



Original Color

50.3575, 52.0107, 51.1010

Protanomaly

49.8829, 52.0746, 51.6783

Deuteranomaly

52.0148, 51.9051, 51.5332

Tritanomaly

51.8650, 51.9922, 58.3409

Monochromacy



Original Color

50.3575, 52.0107, 51.1010

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.6312, 51.8841, 54.4125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3575, 52.0107, 51.1010 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, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 181)  
}
```

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, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.3575, 52.0107, 51.1010 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, 189, 181) }
```


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

```
.border{ border-color:rgb(200, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3575, 52.0107, 51.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 189, 181) }
```

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

```
.background{ background-color: rgb(200,  
189, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor