

Converting Colors

XYZ(50.1965, 56.5701, 54.1759)

Have a look what the booklet for
XYZ(50.1965, 56.5701, 54.1759)
contains.

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Color

**XYZ(50.1205, 56.5289,
54.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CBB9
RGB	185, 203, 185
RGB Percent	73%, 80%, 73%
CMY	0.2745, 0.2039, 0.2745
CMYK	0.09, 0.00, 0.09, 0.20
HSL	120°, 15%, 76%
HSV	120°, 9%, 80%
XYZ	50.1205, 56.5289, 54.1685
YIQ	195.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

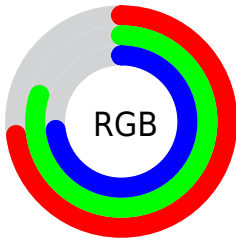
Format	Color
RYB	185, 203, 203
Decimal	12176313
CIELab	79.91, -9.47, 6.89
CIELCh	80, 11.714, 143.946
Yxy	56.5289, 0.3117, 0.3515
Android (android.graphics.Color)	4290366393 (0xFFB9CBB9)
YUV	195.5660, -5.2090, -9.2664
Hunter-Lab	75.1857, -12.5828, 9.9138

Details

The XYZ color **50.1205, 56.5289, 54.1685** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7591, 51.7077, 63.7025**, and the grayscale version is **52.2431, 54.9638, 59.8556**.

A 20% lighter version of the original color is **87.9128, 96.5716, 97.2258**, and **24.4280, 28.0664, 25.9597** is the 20% darker color. If you saturate the color by 10%, you get **43.5763, 53.3871, 43.4629**, and if you desaturate by 10%, it is **57.6731, 60.1585, 66.5209**.

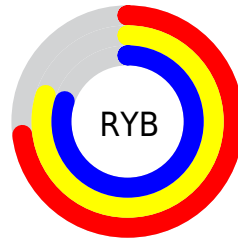
Distribution



Red (73%)

Green (80%)

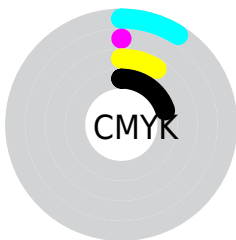
Blue (73%)



Red (73%)

Yellow (80%)

Blue (80%)

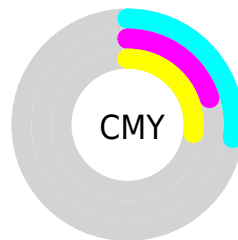


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1205, 56.5289, 54.1685 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 50.1205, 56.5289, 54.1685 by changing the saturation by 10% instead.

■ 50.1205, 56.5289,
54.1685

■ 50.1205, 56.5289,
54.1685

377.5812,
411.6817, 419.9450

■ 35.7273, 40.6271,
38.3423

■ 89.5441, 99.7775,
97.7805

■ 24.3928, 28.0278,
25.9446

115.3053,
127.8931, 126.4034

■ 15.7516, 18.3467,
16.5568

145.5866,
160.8487, 160.1289

■ 9.4383, 11.1992,
9.7604

180.7533,
199.0288, 199.3756

■ 5.0875, 6.2010,
5.1369

221.1707,
242.8178, 244.5620

■ 2.3340, 2.9677,
2.2676

267.2043,

■ 0.8120, 1.1149,

292.6000, 296.1067

0.7130

319.2193,
348.7598, 354.4282

■ 0.0000, 0.0000,
0.0000

■ 50.1205, 56.5289,
54.1685

■ 50.1205, 56.5289,
54.1685

■ 43.5763, 53.3871,
43.4629

■ 57.6731, 60.1585,
66.5209

■ 37.9934, 50.7053,
34.3312

■ 66.2694, 64.2877,
80.5817

■ 33.3281, 48.4643,
26.7001

■ 75.9485, 68.9371,
96.4136

■ 29.5312, 46.6405,
20.4896

■ 80.6470, 71.1940,
104.0990

■ 26.5492, 45.2081,
15.6119

■ 24.3224, 44.1384,
11.9696

■ 22.7832, 43.3991,
9.4519

■ 21.8519, 42.9517,
7.9285

■ 21.3984, 42.7339,
7.1867

Harmonies

Analogous

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



51.8965, 56.5289, 50.3532



50.1205, 56.5289, 54.1685



49.3140, 56.5289, 60.1811

Triad

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



50.1205, 56.5289, 54.1685



53.2488, 56.5289, 75.4955



58.0122, 56.5289, 56.3926

Complementary

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



50.1205, 56.5289, 54.1685



52.7591, 51.7077, 63.7025

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.



58.4000, 56.5289, 62.9402



50.1205, 56.5289, 54.1685



55.6042, 56.5289, 74.2954

Square

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



50.1205, 56.5289, 54.1685



51.0856, 56.5289, 72.7425



57.5067, 56.5289, 69.5741



56.4621, 56.5289, 51.5695

Rectangle

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



50.1205, 56.5289, 54.1685



49.4172, 56.5289, 64.7570



57.5067, 56.5289, 69.5741



58.2847, 56.5289, 58.4514

Sweetspot

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



50.1221, 56.5313, 54.1697



91.0839, 98.0949, 102.4127



54.7439, 58.9140, 54.3860



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



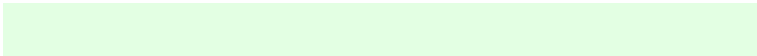
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1221, 56.5313, 54.1697



81.2810, 93.3861, 86.3783



51.1029, 56.9236, 59.3346



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



52.7591, 51.7077, 63.7025



86.7454, 83.3908, 106.1317



51.7170, 51.2909, 58.2150



11.6876, 11.4038, 14.1555



22.5334, 10.8240, 36.8574



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 50.1205, 56.5289, 54.1685 looks on a white background.

Color Contrast Check

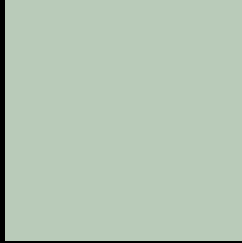
Large Text (above 18pt) WCAG AA × Fail

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 50.1205, 56.5289, 54.1685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

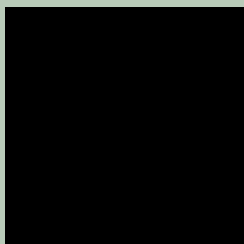
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

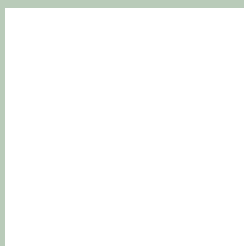
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1205, 56.5289, 54.1685

Background



This preview shows how black text looks on a background with the XYZ color 50.1205, 56.5289, 54.1685.



This preview shows how white text looks on a background with the XYZ color 50.1205, 56.5289,

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

50.1205, 56.5289, 54.1685

Protanopia

53.5866, 56.2890, 52.2965

Deuteranopia

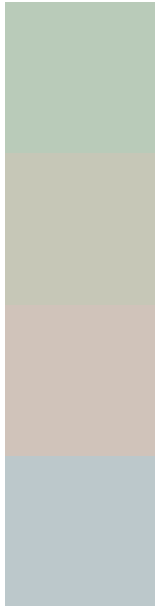
57.4192, 56.2216, 54.8392



Tritanopia

53.7962, 56.6490, 71.7173

Trichromacy



Original Color

50.1205, 56.5289, 54.1685

Protanomaly

52.2594, 56.2715, 52.9069

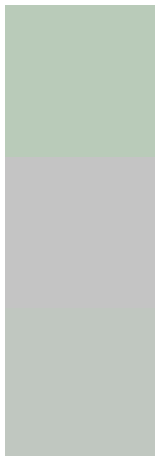
Deuteranomaly

54.3905, 55.9853, 54.3939

Tritanomaly

52.1728, 56.3117, 64.6194

Monochromacy



Original Color

50.1205, 56.5289, 54.1685

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6761, 55.8591, 57.9274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1205, 56.5289, 54.1685 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(185, 203, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 203, 185)  
}
```

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(185, 203, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 203, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.1205, 56.5289, 54.1685 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(185, 203, 185) }
```


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

```
.border{ border-color:rgb(185, 203, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 203, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 203, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 203, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 203,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1205, 56.5289, 54.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 203, 185) }
```

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

```
.background{ background-color: rgb(185,  
203, 185) }
```

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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