

Converting Colors

XYZ(50.6195, 56.2000, 51.8188)

Have a look what the booklet for
XYZ(50.6195, 56.2000, 51.8188)
contains.

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Color

**XYZ(50.7130, 56.1859,
51.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9B5
RGB	191, 201, 181
RGB Percent	75%, 79%, 71%
CMY	0.2510, 0.2117, 0.2902
CMYK	0.05, 0.00, 0.10, 0.21
HSL	90°, 16%, 75%
HSV	90°, 10%, 79%
XYZ	50.7130, 56.1859, 51.8882
YIQ	195.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

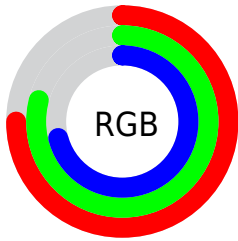
Format	Color
RYB	181, 201, 191
Decimal	12569013
CIELab	79.72, -7.05, 8.81
CIELCh	80, 11.286, 128.641
Yxy	56.1859, 0.3194, 0.3538
Android (android.graphics.Color)	4290759093 (0xFFBFC9B5)
YUV	195.7300, -7.2619, -4.1482
Hunter-Lab	74.9573, -10.4094, 11.4273

Details

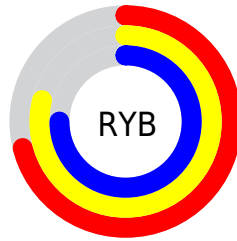
The XYZ color **50.7130, 56.1859, 51.8882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5547, 48.3428, 62.0334**, and the grayscale version is **52.3509, 55.0772, 59.9790**.

A 20% lighter version of the original color is **89.4038, 97.4086, 94.2104**, and **24.8112, 27.8292, 24.4860** is the 20% darker color. If you saturate the color by 10%, you get **46.3560, 54.1628, 41.6838**, and if you desaturate by 10%, it is **55.5442, 58.4224, 63.6705**.

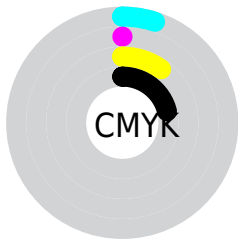
Distribution



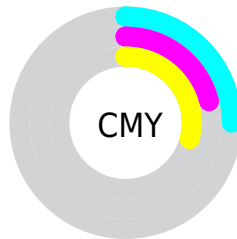
- Red (75%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7130, 56.1859, 51.8882 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 50.7130, 56.1859, 51.8882 by changing the saturation by 10% instead.

■ 50.7130, 56.1859,
51.8882

■ 50.7130, 56.1859,
51.8882

379.8538,
410.3917, 410.9495

■ 36.2004, 40.3520,
36.5343

■ 90.4159, 99.2763,
94.3912

■ 24.7598, 27.8131,
24.5542

116.3369,
127.3016, 122.3775

■ 16.0260, 18.1848,
15.5292

146.7914,
160.1595, 155.4116

■ 9.6335, 11.0828,
9.0409

182.1447,
198.2344, 193.9122

■ 5.2170, 6.1225,
4.6707

222.7623,
241.9107, 238.2977

■ 2.4112, 2.9197,
2.0000

269.0094,

■ 0.8507, 1.0900,

291.5727, 288.9868

0.5553

321.2514,
347.6049, 346.3978

■ 0.0000, 0.0000,
0.0000

■ 50.7130, 56.1859,
51.8882

■ 50.7130, 56.1859,
51.8882

■ 46.3560, 54.1628,
41.6838

■ 55.5442, 58.4224,
63.6705

■ 42.4526, 52.3390,
32.9865

■ 60.8603, 60.8714,
77.0899

■ 38.9870, 50.7095,
25.7260

■ 66.6774, 63.5417,
92.2071

■ 35.9408, 49.2666,
19.8245

■ 71.9610, 66.0197,
103.5581

■ 33.2943, 48.0020,
15.1970

■ 75.3036, 67.7428,
103.7145

■ 31.0254, 46.9063,
11.7490

■ 78.8356, 69.5636,
103.8798

■ 29.1097, 45.9693,
9.3729

■ 80.1778, 70.2556,
103.9426

■ 27.5187, 45.1791,
7.9411

■ 26.2024, 44.5153,
7.2141

Harmonies

Analogous

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



52.7473, 56.1859, 49.5887



50.7130, 56.1859, 51.8882



49.4248, 56.1859, 56.7187

Triad

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



50.7130, 56.1859, 51.8882



51.8228, 56.1859, 73.6257



57.8538, 56.1859, 59.3106

Complementary

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



50.7130, 56.1859, 51.8882



48.5547, 48.3428, 62.0334

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.



57.5892, 56.1859, 65.8628



50.7130, 56.1859, 51.8882



54.0641, 56.1859, 74.4429

Square

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



50.7130, 56.1859, 51.8882



50.0527, 56.1859, 69.3534



56.1865, 56.1859, 71.5128



56.8996, 56.1859, 53.6697

Rectangle

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



50.7130, 56.1859, 51.8882



49.1406, 56.1859, 60.8797



56.1865, 56.1859, 71.5128



57.9050, 56.1859, 61.4750

Sweetspot

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



50.7145, 56.1883, 51.8894



92.4490, 98.7986, 102.4766



51.0609, 53.0175, 51.2591



19.6419, 21.0795, 21.5761



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.



50.7145, 56.1883, 51.8894



85.1011, 95.3957, 84.7337



48.2849, 54.9358, 51.7757



10.9941, 12.1439, 11.3273



16.5761, 28.0406, 4.5387



0.8684, 1.3708, 0.2188

Inverse Universe

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



48.5547, 48.3428, 62.0334



80.6479, 79.2200, 105.6481



51.1561, 49.6839, 62.1551



10.5536, 10.5437, 13.3964



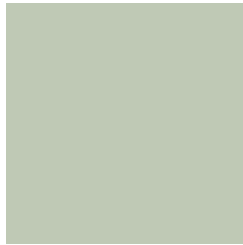
10.0754, 4.4283, 35.0681



0.5606, 0.2527, 1.6644

Previews

White Background



This preview shows how the XYZ color 50.7130, 56.1859, 51.8882 looks on a white background.

Color Contrast Check

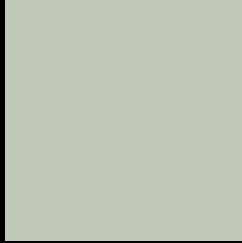
Large Text (above 18pt) WCAG AA × Fail

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 50.7130, 56.1859, 51.8882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

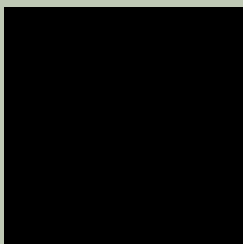
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

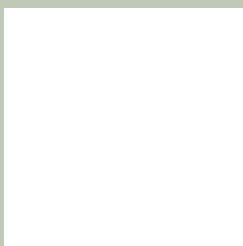
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7130, 56.1859, 51.8882

Background



This preview shows how black text looks on a background with the XYZ color 50.7130, 56.1859, 51.8882.



This preview shows how white text looks on a background with the XYZ color 50.7130, 56.1859,

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

50.7130, 56.1859, 51.8882

Protanopia

53.2798, 56.1663, 50.6809

Deuteranopia

57.3022, 56.2101, 52.6292



Tritanopia

54.3885, 55.9691, 70.2239

Trichromacy



Original Color

50.7130, 56.1859, 51.8882

Protanomaly

52.2517, 55.9628, 51.2280

Deuteranomaly

54.8226, 56.2565, 52.2251

Tritanomaly

52.9848, 56.0745, 63.2892

Monochromacy



Original Color

50.7130, 56.1859, 51.8882

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8462, 55.6191, 57.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7130, 56.1859, 51.8882 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(191, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 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(191, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.7130, 56.1859, 51.8882 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(191, 201, 181) }
```


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

```
.border{ border-color:rgb(191, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7130, 56.1859, 51.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 181) }
```

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

```
.background{ background-color: rgb(191,  
201, 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](#).

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