

Converting Colors

XYZ(50.8720, 56.0923, 61.5798)

Have a look what the booklet for
XYZ(50.8720, 56.0923, 61.5798)
contains.

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Color

**XYZ(50.8469, 56.0409,
61.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C9C6
RGB	184, 201, 198
RGB Percent	72%, 79%, 78%
CMY	0.2784, 0.2117, 0.2235
CMYK	0.08, 0.00, 0.01, 0.21
HSL	169°, 14%, 75%
HSV	169°, 8%, 79%
XYZ	50.8469, 56.0409, 61.5631
YIQ	195.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

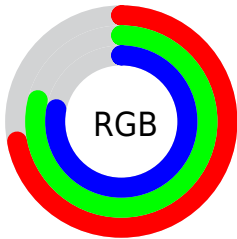
Format	Color
RYB	184, 193, 201
Decimal	12110278
CIELab	79.64, -6.34, -0.49
CIELCh	80, 6.354, 184.410
Yxy	56.0409, 0.3018, 0.3327
Android (android.graphics.Color)	4290300358 (0xFFB8C9C6)
YUV	195.5750, 1.1955, -10.1513
Hunter-Lab	74.8605, -9.7646, 3.6439

Details

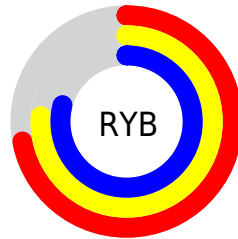
The XYZ color **50.8469, 56.0409, 61.5631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1996, 50.2879, 54.0772**, and the grayscale version is **52.2133, 54.9324, 59.8214**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **24.8278, 27.7063, 30.4249** is the 20% darker color. If you saturate the color by 10%, you get **45.9655, 53.5728, 59.2229**, and if you desaturate by 10%, it is **56.4252, 58.8703, 63.9884**.

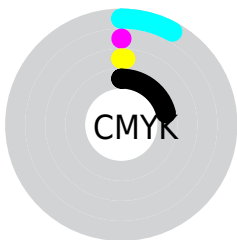
Distribution



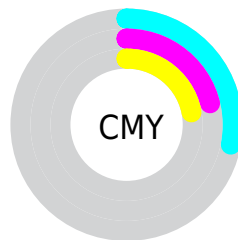
- Red (72%)
- Green (79%)
- Blue (78%)



- Red (72%)
- Yellow (76%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8469, 56.0409, 61.5631 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 50.8469, 56.0409, 61.5631 by changing the saturation by 10% instead.

■ 50.8469, 56.0409,
61.5631

■ 50.8469, 56.0409,
61.5631

380.3661,
409.8456, 448.2992

■ 36.3073, 40.2357,
44.2463

■ 90.6128, 99.0644,
108.6593

■ 24.8429, 27.7224,
30.5255

116.5698,
127.0515, 139.2757

■ 16.0881, 18.1165,
19.9824

147.0633,
159.8680, 175.1625

■ 9.6778, 11.0337,
12.1983

182.4587,
197.8983, 216.7380

■ 5.2465, 6.0895,
6.7547

223.1213,
241.5268, 264.4209

■ 2.4288, 2.8996,
3.2331

269.4165,

■ 0.8595, 1.0795,

291.1379, 318.6297

1.2148

321.7097,
347.1161, 379.7830

■ 0.0000, 0.0000,
0.0000

■ 50.8469, 56.0409,
61.5631

■ 50.8469, 56.0409,
61.5631

■ 45.9655, 53.5728,
59.2229

■ 56.4252, 58.8703,
63.9884

■ 41.7476, 51.4440,
56.9623

■ 62.7228, 62.0678,
66.4967

■ 38.1639, 49.6411,
54.7808

■ 69.7668, 65.6490,
69.0906

■ 35.1811, 48.1469,
52.6766

■ 74.0370, 67.7991,
71.6059

■ 32.7629, 46.9427,
50.6475

■ 74.4905, 67.9805,
73.9940

■ 30.8691, 46.0077,
48.6914

■ 74.9539, 68.1659,
76.4343

■ 29.4538, 45.3184,
46.8057

■ 75.4273, 68.3553,
78.9272

■ 28.4634, 44.8470,
44.9876

■ 75.9107, 68.5486,
81.4729

■ 27.8139, 44.5504,
43.2328

■ 76.4042, 68.7460,
84.0718

Harmonies

Analogous

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



51.0744, 56.0409, 58.0226



50.8469, 56.0409, 61.5631



51.2588, 56.0409, 65.0929

Triad

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



50.8469, 56.0409, 61.5631



54.6693, 56.0409, 67.0258



54.3362, 56.0409, 54.8753

Complementary

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



50.8469, 56.0409, 61.5631



50.1996, 50.2879, 54.0772

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.



55.3233, 56.0409, 57.1187



50.8469, 56.0409, 61.5631



55.5178, 56.0409, 64.1169

Square

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



50.8469, 56.0409, 61.5631



53.4548, 56.0409, 68.3261



55.7590, 56.0409, 60.4781



53.0760, 56.0409, 54.2524

Rectangle

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



50.8469, 56.0409, 61.5631



51.8445, 56.0409, 66.9372



55.7590, 56.0409, 60.4781



54.7116, 56.0409, 55.4603

Sweetspot

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



50.8485, 56.0433, 61.5643



92.0745, 98.4911, 107.6292



50.0623, 55.8160, 53.4834



19.5416, 20.9969, 22.9648



0.0000, 0.0000, 0.0000



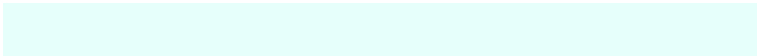
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8485, 56.0433, 61.5643



85.5661, 95.1937, 104.7151



49.9651, 53.7166, 62.9961



10.8632, 12.0342, 13.2298



17.4619, 27.9972, 27.1749



0.8485, 1.3343, 1.4010

Inverse Universe

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



50.1996, 50.2879, 54.0772



84.2497, 83.5165, 89.5248



51.0213, 52.4404, 52.7813



10.7091, 10.6670, 11.4513



15.3649, 7.8955, 1.8653



0.7517, 0.3835, 0.2155

Previews

White Background



This preview shows how the XYZ color 50.8469, 56.0409, 61.5631 looks on a white background.

Color Contrast Check

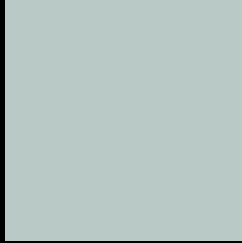
Large Text (above 18pt) WCAG AA × Fail

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 50.8469, 56.0409, 61.5631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

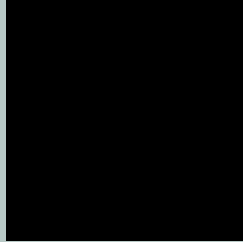
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

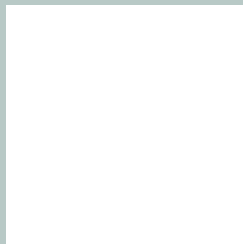
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8469, 56.0409, 61.5631

Background



This preview shows how black text looks on a background with the XYZ color 50.8469, 56.0409, 61.5631.



This preview shows how white text looks on a background with the XYZ color 50.8469, 56.0409,

61.5631.

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

50.8469, 56.0409, 61.5631

Protanopia

53.6776, 55.8375, 59.5784

Deuteranopia

57.0805, 55.8788, 62.4208



Tritanopia

53.0545, 56.2667, 71.6826

Trichromacy



Original Color

50.8469, 56.0409, 61.5631

Protanomaly

52.6636, 55.9758, 60.2533

Deuteranomaly

54.7257, 55.9911, 61.9558

Tritanomaly

52.2891, 56.3017, 67.7859

Monochromacy



Original Color

50.8469, 56.0409, 61.5631

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0104, 55.6259, 60.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8469, 56.0409, 61.5631 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(184, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 198)  
}
```

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(184, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.8469, 56.0409, 61.5631 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(184, 201, 198) }
```


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

```
.border{ border-color:rgb(184, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8469, 56.0409, 61.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 198) }
```

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

```
.background{ background-color: rgb(184,  
201, 198) }
```

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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