

Converting Colors

XYZ(56.6144, 67.3402, 63.5205)

Have a look what the booklet for
XYZ(56.6144, 67.3402, 63.5205)
contains.

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Color

**XYZ(56.5883, 67.1669,
63.4081)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFC6
RGB	185, 223, 198
RGB Percent	73%, 87%, 78%
CMY	0.2745, 0.1255, 0.2235
CMYK	0.17, 0.00, 0.11, 0.13
HSL	141°, 37%, 80%
HSV	141°, 17%, 87%
XYZ	56.5883, 67.1669, 63.4081
YIQ	208.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

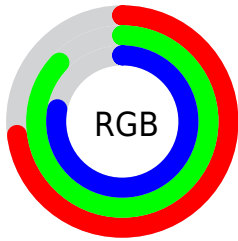
Format	Color
RYB	185, 213, 223
Decimal	12181446
CIELab	85.59, -17.25, 8.14
CIElCh	86, 19.073, 154.750
Yxy	67.1669, 0.3023, 0.3589
Android (android.graphics.Color)	4290371526 (0xFFB9DFC6)
YUV	208.7880, -5.3185, -20.8621
Hunter-Lab	81.9554, -20.1719, 11.4967

Details

The XYZ color **56.5883, 67.1669, 63.4081** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4156, 55.0406, 68.4681**, and the grayscale version is **60.5081, 63.6592, 69.3249**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.3967, 34.8442, 31.6145** is the 20% darker color. If you saturate the color by 10%, you get **50.0137, 63.9656, 54.6906**, and if you desaturate by 10%, it is **64.1744, 70.8744, 73.0316**.

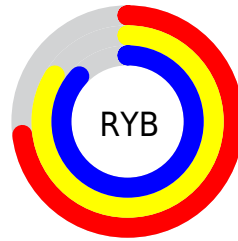
Distribution



Red (73%)

Green (87%)

Blue (78%)



Red (73%)

Yellow (84%)

Blue (87%)

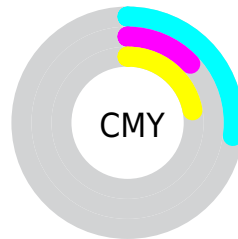


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5883, 67.1669, 63.4081 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 56.5883, 67.1669, 63.4081 by changing the saturation by 10% instead.

■ 56.5883, 67.1669,
63.4081

■ 56.5883, 67.1669,
63.4081

401.9440,
450.5386, 455.1977

■ 40.9136, 49.2203,
45.7283

■ 98.9990, 115.1595,
111.3493

■ 28.4390, 34.7942,
31.6844

126.4658,
145.9743, 142.4478

■ 18.7990, 23.5044,
20.8577

158.5941,
181.8473, 178.8563

■ 11.6283, 14.9664,
12.8298

195.7491,
223.1628, 220.9934

■ 6.5615, 8.7958,
7.1821

238.2962,
270.3053, 269.2775

■ 3.2333, 4.6082,
3.4961

286.6008,

■ 1.2783, 2.0193,

323.6592, 324.1272

1.3532

341.0283,
383.6088, 385.9611

■ 0.1669, 0.6186,
0.1048

■ 0.0000, 0.0000,
0.0000

■ 56.5883, 67.1669,
63.4081

■ 56.5883, 67.1669,
63.4081

■ 50.0137, 63.9656,
54.6906

■ 64.1744, 70.8744,
73.0316

■ 44.4012, 61.2400,
46.8483

■ 72.8075, 75.1004,
83.5818

■ 39.7054, 58.9692,
39.8553

■ 82.5283, 79.8671,
95.0842

■ 35.8750, 57.1272,
33.6825

■ 85.6790, 81.2580,
105.7763

■ 32.8535, 55.6856,
28.2993

■ 30.5771, 54.6121,
23.6731

■ 28.9720, 53.8694,
19.7687

■ 27.9428, 53.4090,
16.5477

■ 27.7035, 53.3038,
15.7183

Harmonies

Analogous

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



59.2021, 67.1669, 55.2070



56.5883, 67.1669, 63.4081



55.8822, 67.1669, 75.1297

Triad

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



56.5883, 67.1669, 63.4081



64.5334, 67.1669, 99.6200



70.9427, 67.1669, 60.3430

Complementary

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



56.5883, 67.1669, 63.4081



59.4156, 55.0406, 68.4681

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.



72.5198, 67.1669, 71.1726



56.5883, 67.1669, 63.4081



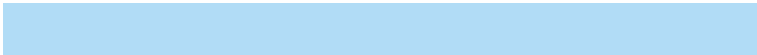
68.7142, 67.1669, 94.5724

Square

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



56.5883, 67.1669, 63.4081



60.3473, 67.1669, 96.9403



71.6864, 67.1669, 83.8054



67.4652, 67.1669, 53.5829

Rectangle

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



56.5883, 67.1669, 63.4081



56.5599, 67.1669, 83.5987



71.6864, 67.1669, 83.8054



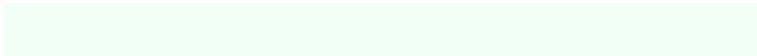
71.7197, 67.1669, 63.5800

Sweetspot

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



56.5902, 67.1697, 63.4096



89.1924, 97.1330, 101.7293



61.8205, 70.0320, 56.1589



18.9209, 20.7073, 21.5641



0.0000, 0.0000, 0.0000



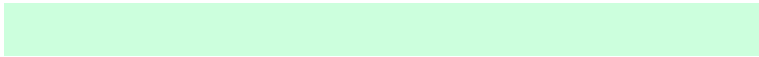
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5902, 67.1697, 63.4096



73.7725, 89.6016, 82.1254



58.8785, 68.0851, 75.4600



13.7213, 15.4143, 15.5677



16.3362, 31.3593, 9.4932



1.1733, 2.1900, 0.8739

Inverse Universe

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



59.4156, 55.0406, 68.4681



78.2000, 70.5926, 90.0497



57.2231, 54.1636, 56.9225



14.0854, 13.8518, 16.2198



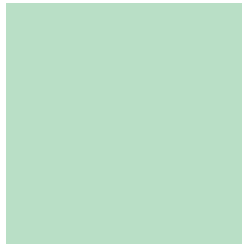
21.0317, 10.4797, 17.3643



1.4993, 0.7430, 1.4221

Previews

White Background



This preview shows how the XYZ color 56.5883, 67.1669, 63.4081 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 56.5883, 67.1669, 63.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

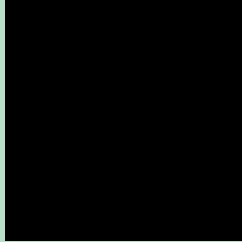
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

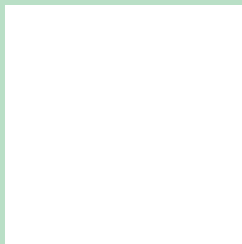
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5883, 67.1669, 63.4081

Background



This preview shows how black text looks on a background with the XYZ color 56.5883, 67.1669, 63.4081.

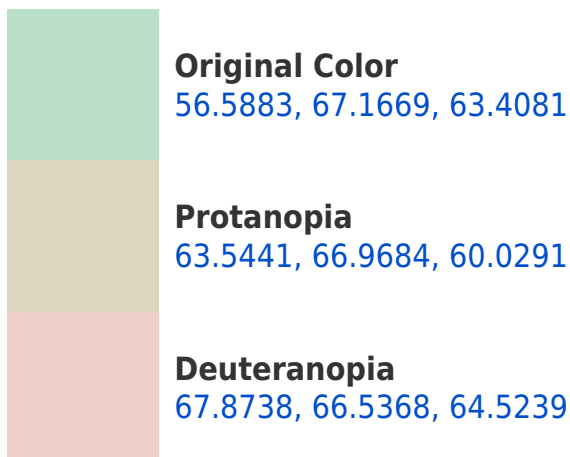


This preview shows how white text looks on a background with the XYZ color 56.5883, 67.1669, 63.4081.

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





Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

56.5883, 67.1669, 63.4081

Protanomaly

60.9577, 67.1211, 61.3726

Deuteranomaly

63.1822, 66.3172, 64.1140

Tritanomaly

59.7643, 67.2791, 78.9435

Monochromacy



Original Color

56.5883, 67.1669, 63.4081

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8854, 64.7803, 67.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5883, 67.1669, 63.4081 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, 223, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 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(185, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.5883, 67.1669, 63.4081 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, 223, 198) }
```


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

```
.border{ border-color:rgb(185, 223, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5883, 67.1669, 63.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 198) }
```

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

```
.background{ background-color: rgb(185,  
223, 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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