

Converting Colors

XYZ(56.4260, 62.8751, 67.8549)

Have a look what the booklet for
XYZ(56.4260, 62.8751, 67.8549)
contains.

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Color

**XYZ(56.1699, 62.6196,
67.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD4CE
RGB	191, 212, 206
RGB Percent	75%, 83%, 81%
CMY	0.2510, 0.1686, 0.1922
CMYK	0.10, 0.00, 0.03, 0.17
HSL	163°, 20%, 79%
HSV	163°, 10%, 83%
XYZ	56.1699, 62.6196, 67.5188
YIQ	205.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

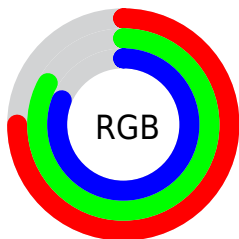
Format	Color
RYB	191, 203, 212
Decimal	12571854
CIELab	83.24, -8.18, 0.56
CIELCh	83, 8.195, 176.105
Yxy	62.6196, 0.3015, 0.3361
Android (android.graphics.Color)	4290761934 (0xFFBFD4CE)
YUV	205.0370, 0.4748, -12.3104
Hunter-Lab	79.1325, -11.7790, 4.8044

Details

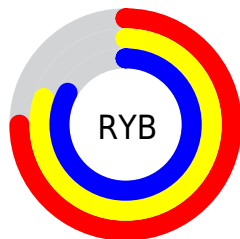
The XYZ color **56.1699, 62.6196, 67.5188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8625, 55.2915, 60.5543**, and the grayscale version is **58.0552, 61.0786, 66.5146**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.0410, 31.6993, 34.3464** is the 20% darker color. If you saturate the color by 10%, you get **50.4978, 59.7807, 63.4852**, and if you desaturate by 10%, it is **62.6457, 65.8730, 71.7408**.

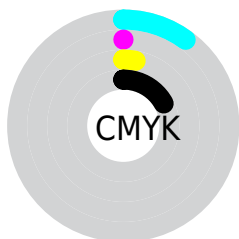
Distribution



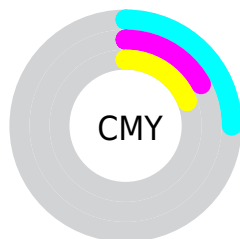
- Red (75%)
- Green (83%)
- Blue (81%)



- Red (75%)
- Yellow (80%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1699, 62.6196, 67.5188 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 56.1699, 62.6196, 67.5188 by changing the saturation by 10% instead.

■ 56.1699, 62.6196,
67.5188

■ 56.1699, 62.6196,
67.5188

400.3961,
434.1876, 470.3409

■ 40.5767, 45.5335,
49.0421

■ 98.3913, 108.6205,
117.3112

■ 28.1747, 31.8779,
34.2871

125.7502,
138.3042, 149.4640

■ 18.5985, 21.2682,
22.8351

157.7618,
172.9558, 187.0125

■ 11.4828, 13.3202,
14.2676

194.7913,
212.9598, 230.3754

■ 6.4622, 7.6494,
8.1662

237.2041,
258.7006, 279.9711

■ 3.1714, 3.8715,
4.1122

285.3656,

■ 1.2451, 1.6019,

310.5626, 336.2183

1.6871

339.6412,
368.9301, 399.5353

■ 0.1415, 0.3589,
0.3519

■ 0.0000, 0.0000,
0.0000

■ 56.1699, 62.6196,
67.5188

■ 56.1699, 62.6196,
67.5188

■ 50.4978, 59.7807,
63.4852

■ 62.6457, 65.8730,
71.7408

■ 45.5907, 57.3312,
59.6326

■ 69.9512, 69.5491,
76.1501

■ 41.4147, 55.2554,
55.9591

■ 78.1178, 73.6658,
80.7512

■ 37.9313, 53.5334,
52.4612

■ 79.1014, 74.0761,
85.1690

■ 35.0980, 52.1435,
49.1352

■ 79.9687, 74.4230,
89.7359

■ 32.8679, 51.0614,
45.9770

■ 80.8658, 74.7818,
94.4602

■ 31.1875, 50.2596,
42.9824

■ 81.7931, 75.1528,
99.3435

■ 29.9931, 49.7054,
40.1465

■ 82.7509, 75.5359,
104.3872

■ 29.1708, 49.3401,
37.4622

■ 82.8347, 75.5694,
104.8282

Harmonies

Analogous

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



56.7234, 62.6196, 62.8632



56.1699, 62.6196, 67.5188



56.4987, 62.6196, 72.5845

Triad

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



56.1699, 62.6196, 67.5188



61.0360, 62.6196, 77.3636



61.4462, 62.6196, 60.3689

Complementary

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



56.1699, 62.6196, 67.5188



55.8625, 55.2915, 60.5543

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.



62.6431, 62.6196, 63.9614



56.1699, 62.6196, 67.5188



62.4030, 62.6196, 73.7929

Square

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



56.1699, 62.6196, 67.5188



59.2860, 62.6196, 78.4311



62.9967, 62.6196, 68.8497



59.7507, 62.6196, 58.8672

Rectangle

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



56.1699, 62.6196, 67.5188



57.1776, 62.6196, 75.4885



62.9967, 62.6196, 68.8497



61.9215, 62.6196, 61.3630

Sweetspot

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



56.1717, 62.6222, 67.5202



91.9412, 98.4378, 106.9273



56.0541, 62.7622, 58.4510



19.5055, 20.9825, 22.7749



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.



56.1717, 62.6222, 67.5202



83.2981, 94.1007, 101.1660



55.8787, 60.8466, 71.0900



12.6338, 14.0445, 15.1520



18.0484, 30.4747, 23.3485



1.1234, 1.8520, 1.5918

Inverse Universe

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



55.8625, 55.2915, 60.5543



82.7322, 80.6781, 88.4125



56.1173, 56.8803, 57.3124



12.5677, 12.4786, 13.6640



17.3128, 8.8614, 3.6853



1.0798, 0.5487, 0.4095

Previews

White Background



This preview shows how the XYZ color 56.1699, 62.6196, 67.5188 looks on a white background.

Color Contrast Check

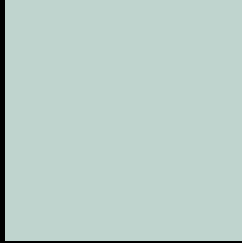
Large Text (above 18pt) WCAG AA × Fail

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 56.1699, 62.6196, 67.5188 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

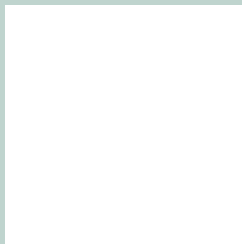
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1699, 62.6196, 67.5188

Background



This preview shows how black text looks on a background with the XYZ color 56.1699, 62.6196, 67.5188.



This preview shows how white text looks on a background with the XYZ color 56.1699, 62.6196,

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

56.1699, 62.6196, 67.5188

Protanopia

60.0022, 62.4515, 65.3918

Deuteranopia

63.6358, 62.4961, 68.3835



Tritanopia

58.7761, 62.5612, 80.9292

Trichromacy



Original Color

56.1699, 62.6196, 67.5188

Protanomaly

58.3568, 62.3088, 66.0778

Deuteranomaly

60.5344, 62.3138, 67.8687

Tritanomaly

57.8251, 62.5451, 76.0425

Monochromacy



Original Color

56.1699, 62.6196, 67.5188

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3947, 61.7989, 66.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1699, 62.6196, 67.5188 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, 212, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 206)  
}
```

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, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.1699, 62.6196, 67.5188 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, 212, 206) }
```


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

```
.border{ border-color:rgb(191, 212, 206) }
```

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

Here you see how a box with a 4 pixel rgb(191, 212, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1699, 62.6196, 67.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 212, 206) }
```

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

```
.background{ background-color: rgb(191,  
212, 206) }
```

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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