

Converting Colors

XYZ(56.6592, 63.6946, 67.4337)

Have a look what the booklet for
XYZ(56.6592, 63.6946, 67.4337)
contains.

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Color

**XYZ(56.6730, 63.6257,
67.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD6CE
RGB	191, 214, 206
RGB Percent	75%, 84%, 81%
CMY	0.2510, 0.1608, 0.1922
CMYK	0.11, 0.00, 0.04, 0.16
HSL	159°, 22%, 79%
HSV	159°, 11%, 84%
XYZ	56.6730, 63.6257, 67.6865
YIQ	206.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

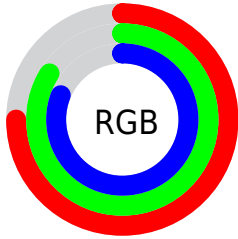
Format	Color
RYB	191, 205, 214
Decimal	12572366
CIELab	83.77, -9.21, 1.33
CIELCh	84, 9.301, 171.797
Yxy	63.6257, 0.3015, 0.3385
Android (android.graphics.Color)	4290762446 (0xFFBFD6CE)
YUV	206.2110, -0.1040, -13.3400
Hunter-Lab	79.7657, -12.7670, 5.5245

Details

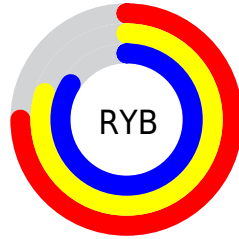
The XYZ color **56.6730, 63.6257, 67.6865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6735, 55.6829, 61.7967**, and the grayscale version is **58.8086, 61.8712, 67.3777**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.3822, 32.3816, 34.4601** is the 20% darker color. If you saturate the color by 10%, you get **50.7965, 60.7001, 62.8019**, and if you desaturate by 10%, it is **63.3823, 66.9792, 72.8364**.

Distribution



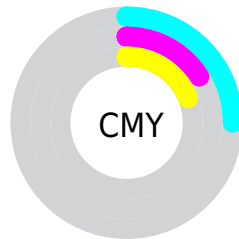
- Red (75%)
- Green (84%)
- Blue (81%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6730, 63.6257, 67.6865 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 56.6730, 63.6257, 67.6865 by changing the saturation by 10% instead.

■ 56.6730, 63.6257,
67.6865

■ 56.6730, 63.6257,
67.6865

402.2569,
437.8367, 470.9523

■ 40.9819, 46.3476,
49.1776

■ 99.1220, 110.0717,
117.5535

■ 28.4925, 32.5202,
34.3938

126.6106,
140.0084, 149.7487

■ 18.8396, 21.7591,
22.9165

158.7624,
174.9334, 187.3432

■ 11.6578, 13.6800,
14.3271

195.9428,
215.2311, 230.7554

■ 6.5816, 7.8985,
8.2072

238.5170,
261.2858, 280.4038

■ 3.2458, 4.0300,
4.1382

286.8506,

■ 1.2851, 1.6904,

313.4821, 336.7071

1.7014

341.3087,
372.2043, 400.0838

■ 0.1720, 0.4174,
0.3617

■ 0.0000, 0.0000,
0.0000

■ 56.6730, 63.6257,
67.6865

■ 56.6730, 63.6257,
67.6865

■ 50.7965, 60.7001,
62.8019

■ 63.3823, 66.9792,
72.8364

■ 45.7130, 58.1766,
58.1737

■ 70.9515, 70.7693,
78.2520

■ 41.3870, 56.0388,
53.7986

■ 79.3384, 74.9757,
83.9355

■ 37.7787, 54.2663,
49.6713

■ 80.3967, 75.3991,
89.5085

■ 34.8440, 52.8363,
45.7867

■ 81.5001, 75.8404,
95.3191

■ 32.5341, 51.7239,
42.1390

■ 82.6492, 76.3001,
101.3699

■ 30.7931, 50.9002,
38.7222

■ 83.3377, 76.5755,
104.9959

■ 29.5545, 50.3310,
35.5297

■ 28.7481, 49.9756,
32.7678

Harmonies

Analogous

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



57.4428, 63.6257, 62.5572



56.6730, 63.6257, 67.6865



56.9035, 63.6257, 73.5349

Triad

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



56.6730, 63.6257, 67.6865



61.9431, 63.6257, 80.2448



62.9337, 63.6257, 60.8163

Complementary

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



56.6730, 63.6257, 67.6865



56.6735, 55.6829, 61.7967

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.



64.1914, 63.6257, 65.1878



56.6730, 63.6257, 67.6865



63.6106, 63.6257, 76.4627

Square

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



56.6730, 63.6257, 67.6865



59.9162, 63.6257, 81.0066



64.4419, 63.6257, 70.8934



61.0359, 63.6257, 58.7391

Rectangle

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



56.6730, 63.6257, 67.6865



57.5959, 63.6257, 77.0409



64.4419, 63.6257, 70.8934



63.4471, 63.6257, 62.0541

Sweetspot

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



56.6748, 63.6284, 67.6879



91.8657, 98.4076, 106.5296



57.0191, 64.0065, 58.6405



19.4851, 20.9743, 22.6674



0.0000, 0.0000, 0.0000



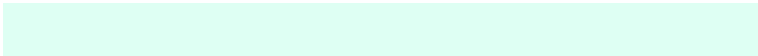
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6748, 63.6284, 67.6879



82.0865, 93.5252, 98.8896



56.8082, 62.2992, 72.6523



12.6001, 14.0311, 14.9747



17.4264, 30.2259, 20.0727



1.0895, 1.8384, 1.4129

Inverse Universe

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



56.6735, 55.6829, 61.7967



82.0843, 79.3280, 88.3639



56.5297, 56.8437, 57.2837



12.5999, 12.4914, 13.8331



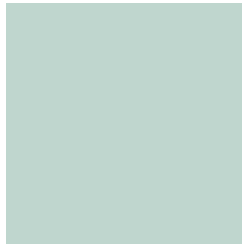
17.5629, 8.9615, 5.0021



1.0978, 0.5559, 0.5045

Previews

White Background



This preview shows how the XYZ color 56.6730, 63.6257, 67.6865 looks on a white background.

Color Contrast Check

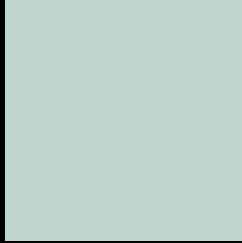
Large Text (above 18pt) WCAG AA × Fail

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 56.6730, 63.6257, 67.6865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

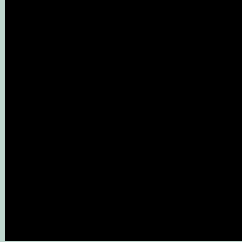
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

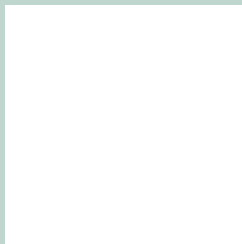
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6730, 63.6257, 67.6865

Background



This preview shows how black text looks on a background with the XYZ color 56.6730, 63.6257, 67.6865.

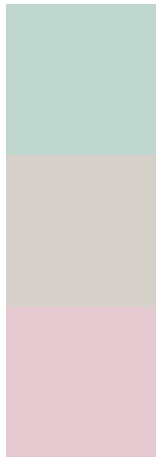


This preview shows how white text looks on a background with the XYZ color 56.6730, 63.6257,

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

56.6730, 63.6257, 67.6865

Protanopia

60.9481, 63.6722, 64.9548

Deuteranopia

64.5006, 63.2891, 68.4910



Tritanopia

59.6651, 63.7367, 81.8308

Trichromacy



Original Color

56.6730, 63.6257, 67.6865

Protanomaly

59.2797, 63.5268, 65.6374

Deuteranomaly

61.3581, 63.0947, 67.9761

Tritanomaly

58.5778, 63.6708, 76.2201

Monochromacy



Original Color

56.6730, 63.6257, 67.6865

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0284, 62.4747, 67.3929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6730, 63.6257, 67.6865 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, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 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, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.6730, 63.6257, 67.6865 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, 214, 206) }
```


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

```
.border{ border-color:rgb(191, 214, 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, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6730, 63.6257, 67.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 206) }
```

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

```
.background{ background-color: rgb(191,  
214, 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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