

Converting Colors

XYZ(57.0237, 66.8370, 56.7802)

Have a look what the booklet for
XYZ(57.0237, 66.8370, 56.7802)
contains.

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Color

**XYZ(57.0742, 66.7701,
56.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DDBB
RGB	194, 221, 187
RGB Percent	76%, 87%, 73%
CMY	0.2392, 0.1333, 0.2667
CMYK	0.12, 0.00, 0.15, 0.13
HSL	108°, 33%, 80%
HSV	108°, 15%, 87%
XYZ	57.0742, 66.7701, 56.8935
YIQ	209.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

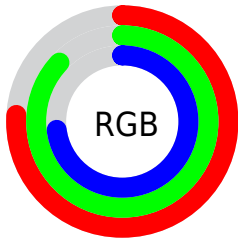
Format	Color
RYB	187, 221, 214
Decimal	12770747
CIELab	85.39, -15.19, 13.72
CIELCh	85, 20.465, 137.908
Yxy	66.7701, 0.3158, 0.3694
Android (android.graphics.Color)	4290960827 (0xFFC2DDBB)
YUV	209.0510, -10.8711, -13.1997
Hunter-Lab	81.7130, -18.3205, 15.9178

Details

The XYZ color **57.0742, 66.7701, 56.8935** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5558, 55.0592, 75.9514**, and the grayscale version is **60.7102, 63.8719, 69.5565**.

A 20% lighter version of the original color is **91.7213, 98.5003, 98.9722**, and **28.7545, 34.5691, 27.7112** is the 20% darker color. If you saturate the color by 10%, you get **50.6467, 63.7112, 45.1783**, and if you desaturate by 10%, it is **64.4016, 70.2547, 70.5542**.

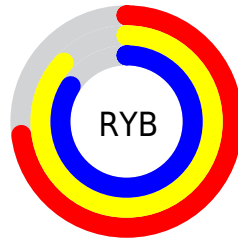
Distribution



Red (76%)

Green (87%)

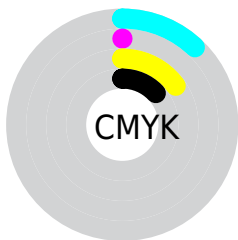
Blue (73%)



Red (73%)

Yellow (87%)

Blue (84%)

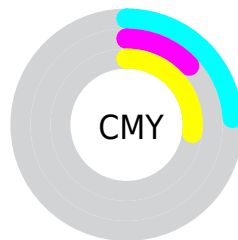


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0742, 66.7701, 56.8935 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 57.0742, 66.7701, 56.8935 by changing the saturation by 10% instead.

■ 57.0742, 66.7701,
56.8935

■ 57.0742, 66.7701,
56.8935

403.7370,
449.1260, 430.5327

■ 41.3052, 48.8978,
40.5110

■ 99.7042, 114.5909,
101.8086

■ 28.7464, 34.5384,
27.6203

127.2959,
145.3083, 131.1782

■ 19.0323, 23.3075,
17.8031

159.5591,
181.0761, 165.7139

■ 11.7978, 14.8208,
10.6407

196.8594,
222.2787, 205.8342

■ 6.6774, 8.6937,
5.7147

239.5619,
269.3007, 251.9577

■ 3.3057, 4.5419,
2.6064


288.0321,


■ 1.3174, 1.9811,


322.5263, 304.5029


0.8958


342.6354,
382.3399, 363.8884


 0.1962, 0.5965,
0.0000


 0.0000, 0.0000,
0.0000


 57.0742, 66.7701,
56.8935


 57.0742, 66.7701,
56.8935


 50.6467, 63.7112,
45.1783

 64.4016, 70.2547,
70.5542


 45.0785, 61.0532,
35.3161

 72.6565, 74.1716,
86.2387

 40.3342, 58.7819,
27.2131

 81.8720, 78.5383,
104.0263

 36.3735, 56.8786,
20.7659

 85.1478, 80.1956,
105.5993

■ 33.1526, 55.3235,
15.8600

■ 30.6234, 54.0944,
12.3666

■ 28.7315, 53.1664,
10.1357

■ 27.4131, 52.5109,
8.9836

■ 26.9617, 52.2847,
8.6709

Harmonies

Analogous

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



60.7608, 66.7701, 51.0108



57.0742, 66.7701, 56.8935



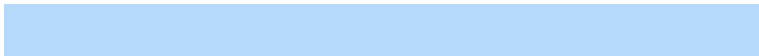
55.1383, 66.7701, 67.4825

Triad

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



57.0742, 66.7701, 56.8935



61.6136, 66.7701, 100.6356



72.3303, 66.7701, 65.1292

Complementary

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



57.0742, 66.7701, 56.8935



58.5558, 55.0592, 75.9514

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.



72.5861, 66.7701, 78.1824



57.0742, 66.7701, 56.8935



66.2441, 66.7701, 99.8051

Square

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



57.0742, 66.7701, 56.8935



57.6723, 66.7701, 93.3428



70.3116, 66.7701, 91.1954



69.6289, 66.7701, 55.3519

Rectangle

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



57.0742, 66.7701, 56.8935



55.0354, 66.7701, 76.2712



70.3116, 66.7701, 91.1954



72.7098, 66.7701, 69.2446

Sweetspot

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



57.0760, 66.7730, 56.8950



89.4370, 97.3357, 98.2752



62.7451, 66.8708, 56.6150



18.9800, 20.7563, 20.7276



0.0000, 0.0000, 0.0000



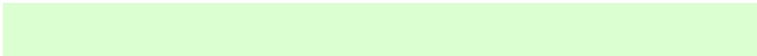
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0760, 66.7730, 56.8950



76.3586, 91.1185, 73.9496



56.3881, 66.2951, 62.4292



13.1357, 14.7347, 13.8773



15.7373, 30.4103, 5.0403



1.0914, 2.0072, 0.3299

Inverse Universe

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



58.5558, 55.0592, 75.9514



78.7241, 72.3819, 104.4296



59.3955, 55.6361, 69.4804



13.3383, 13.1325, 16.4840



18.0145, 8.4110, 40.4124



1.2346, 0.5797, 2.6213

Previews

White Background



This preview shows how the XYZ color 57.0742, 66.7701, 56.8935 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 57.0742, 66.7701, 56.8935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

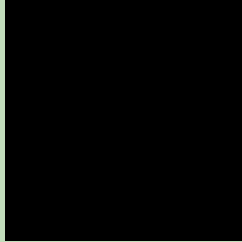
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0742, 66.7701, 56.8935

Background



This preview shows how black text looks on a background with the XYZ color 57.0742, 66.7701, 56.8935.



This preview shows how white text looks on a background with the XYZ color 57.0742, 66.7701,

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

57.0742, 66.7701, 56.8935

Protanopia

62.8312, 66.3532, 54.2956

Deuteranopia

67.7435, 66.2576, 57.9337



Tritanopia

62.9533, 66.8446, 85.9282

Trichromacy



Original Color

57.0742, 66.7701, 56.8935

Protanomaly

60.3927, 66.2077, 54.9437

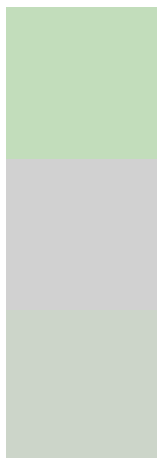
Deuteranomaly

63.5309, 66.2702, 57.5871

Tritanomaly

60.4962, 66.5893, 74.6303

Monochromacy



Original Color

57.0742, 66.7701, 56.8935

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2387, 64.6429, 64.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0742, 66.7701, 56.8935 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(194, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 187)  
}
```

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(194, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.0742, 66.7701, 56.8935 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(194, 221, 187) }
```


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

```
.border{ border-color:rgb(194, 221, 187) }
```

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

Here you see how a box with a 4 pixel rgb(194, 221, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0742, 66.7701, 56.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 187) }
```

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

```
.background{ background-color: rgb(194,  
221, 187) }
```

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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