

Converting Colors

XYZ(58.5022, 67.4268, 57.0554)

Have a look what the booklet for
XYZ(58.5022, 67.4268, 57.0554)
contains.

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Color

**XYZ(58.6455, 67.5801,
56.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDBB
RGB	200, 221, 187
RGB Percent	78%, 87%, 73%
CMY	0.2157, 0.1333, 0.2667
CMYK	0.10, 0.00, 0.15, 0.13
HSL	97°, 33%, 80%
HSV	97°, 15%, 87%
XYZ	58.6455, 67.5801, 56.9670
YIQ	210.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

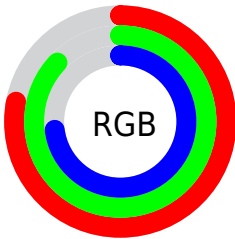
Format	Color
RYB	187, 221, 208
Decimal	13163963
CIELab	85.80, -13.11, 14.35
CIELCh	86, 19.439, 132.410
Yxy	67.5801, 0.3201, 0.3689
Android (android.graphics.Color)	4291354043 (0xFFC8DDBB)
YUV	210.8450, -11.7556, -9.5111
Hunter-Lab	82.2071, -16.5228, 16.4588

Details

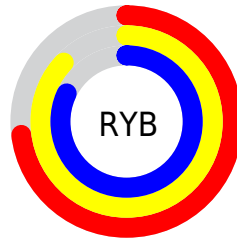
The XYZ color **58.6455, 67.5801, 56.9670** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.8366, 54.1728, 75.8710**, and the grayscale version is **61.8920, 65.1152, 70.9105**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **29.7934, 35.1047, 27.7599** is the 20% darker color. If you saturate the color by 10%, you get **52.9750, 64.9115, 45.2873**, and if you desaturate by 10%, it is **65.0094, 70.5680, 70.5826**.

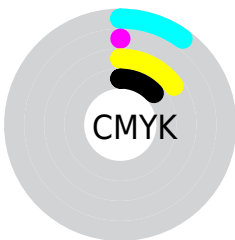
Distribution



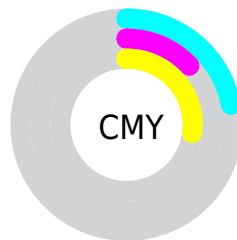
- Red (78%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)




- Cyan (22%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6455, 67.5801, 56.9670 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 58.6455, 67.5801, 56.9670 by changing the saturation by 10% instead.


 58.6455, 67.5801,
56.9670

 58.6455, 67.5801,
56.9670


409.5021,
452.0069, 430.8159

 42.5731, 49.5562,
40.5696

 101.9798,
115.7512, 101.9169

 29.7434, 35.0609,
27.6657

129.9725,
146.6673, 131.3064

 19.7910, 23.7098,
17.8370


162.6692,
182.6495, 165.8637

 12.3506, 15.1185,
10.6648

200.4354,
224.0823, 206.0074

 7.0568, 8.9026,
5.7306

243.6365,
271.3500, 252.1559

 3.5443, 4.6777,
2.6158


292.6377,

 1.4477, 2.0594,


324.8371, 304.7278


0.9006


347.8045,
384.9279, 364.1416


 0.2898, 0.6417,
0.0000


 0.0000, 0.0000,
0.0000


 58.6455, 67.5801,
56.9670


 58.6455, 67.5801,
56.9670


 52.9750, 64.9115,
45.2873


 65.0094, 70.5680,
70.5826

 47.9675, 62.5425,
35.4513

 72.0849, 73.8770,
86.2119

 43.5979, 60.4644,
27.3659

 79.8963, 77.5198,
103.9338

 39.8376, 58.6645,
20.9280

 85.0035, 80.1212,
105.5925

■ 36.6553, 57.1292,
16.0239

■ 85.1478, 80.1956,
105.5993

■ 34.0167, 55.8437,
12.5254

■ 31.8827, 54.7910,
10.2832

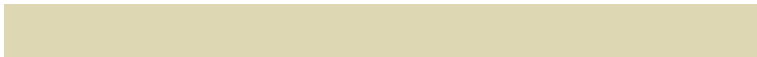
■ 30.2072, 53.9513,
9.1144

■ 29.5579, 53.6231,
8.7924

Harmonies

Analogous

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



62.4156, 67.5801, 52.1945



58.6455, 67.5801, 56.9670



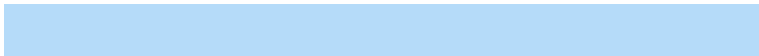
56.4337, 67.5801, 66.4389

Triad

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



58.6455, 67.5801, 56.9670



61.6872, 67.5801, 99.4370



72.9365, 67.5801, 68.4531

Complementary

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



58.6455, 67.5801, 56.9670



56.8366, 54.1728, 75.8710

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.



72.7193, 67.5801, 81.2223



58.6455, 67.5801, 56.9670



66.0850, 67.5801, 100.1378

Square

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



58.6455, 67.5801, 56.9670



58.1335, 67.5801, 91.3352



70.1643, 67.5801, 93.1520



70.7446, 67.5801, 58.2947

Rectangle

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



58.6455, 67.5801, 56.9670



56.0752, 67.5801, 74.6160



70.1643, 67.5801, 93.1520



73.1456, 67.5801, 72.5601

Sweetspot

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



58.6473, 67.5830, 56.9685



90.2262, 97.7426, 98.3122



61.3388, 64.0582, 56.1463



19.1713, 20.8550, 20.7366



0.0000, 0.0000, 0.0000



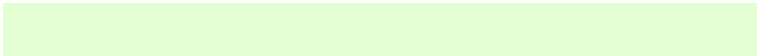
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6473, 67.5830, 56.9685



78.8484, 92.4020, 74.0662



55.7523, 66.0408, 59.0809



13.3547, 14.8476, 13.8876



17.2867, 31.2091, 5.1129



1.2142, 2.0705, 0.3356

Inverse Universe

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



56.8366, 54.1728, 75.8710



75.9514, 70.9526, 104.2999



60.1204, 55.9261, 73.2977



13.1072, 13.0134, 16.4731



13.6582, 6.1653, 40.2085



0.9798, 0.4483, 2.6093

Previews

White Background



This preview shows how the XYZ color 58.6455, 67.5801, 56.9670 looks on a white background.

Color Contrast Check

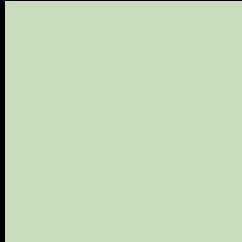
Large Text (above 18pt) WCAG AA × Fail

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 58.6455, 67.5801, 56.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

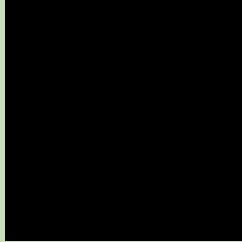
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6455, 67.5801, 56.9670

Background



This preview shows how black text looks on a background with the XYZ color 58.6455, 67.5801, 56.9670.



This preview shows how white text looks on a background with the XYZ color 58.6455, 67.5801,

56.9670.

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

58.6455, 67.5801, 56.9670

Protanopia

63.6451, 67.5196, 54.4779

Deuteranopia

68.6738, 67.0934, 58.0460



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

58.6455, 67.5801, 56.9670

Protanomaly

61.7835, 67.6853, 55.1556

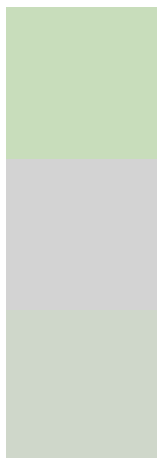
Deuteranomaly

64.4745, 66.7566, 57.6313

Tritanomaly

62.1094, 67.4209, 74.7058

Monochromacy



Original Color

58.6455, 67.5801, 56.9670

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6932, 66.1305, 65.4427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6455, 67.5801, 56.9670 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(200, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.6455, 67.5801, 56.9670 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(200, 221, 187) }
```


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

```
.border{ border-color:rgb(200, 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(200, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6455, 67.5801, 56.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 187) }
```

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

```
.background{ background-color: rgb(200,  
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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