

Converting Colors

XYZ(55.9815, 67.3774, 65.1015)

Have a look what the booklet for
XYZ(55.9815, 67.3774, 65.1015)
contains.

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Color

**XYZ(56.0207, 67.2317,
65.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E0C9
RGB	180, 224, 201
RGB Percent	71%, 88%, 79%
CMY	0.2941, 0.1215, 0.2118
CMYK	0.20, 0.00, 0.10, 0.12
HSL	149°, 42%, 79%
HSV	149°, 20%, 88%
XYZ	56.0207, 67.2317, 65.2827
YIQ	208.2220, -18.8410, -16.4810

Conversions

Conversions Part 2

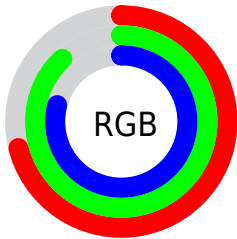
Format	Color
RYB	180, 210, 224
Decimal	11854025
CIELab	85.62, -18.80, 6.56
CIELCh	86, 19.915, 160.760
Yxy	67.2317, 0.2971, 0.3566
Android (android.graphics.Color)	4290044105 (0xFFB4E0C9)
YUV	208.2220, -3.5604, -24.7507
Hunter-Lab	81.9949, -21.5361, 10.1910

Details

The XYZ color **56.0207, 67.2317, 65.2827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8437, 52.8034, 63.6464**, and the grayscale version is **60.1309, 63.2624, 68.8927**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.2068, 34.9945, 32.8717** is the 20% darker color. If you saturate the color by 10%, you get **49.8962, 64.2294, 58.0779**, and if you desaturate by 10%, it is **63.0968, 70.7161, 73.0832**.

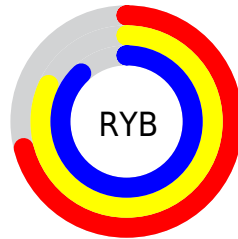
Distribution



Red (71%)

Green (88%)

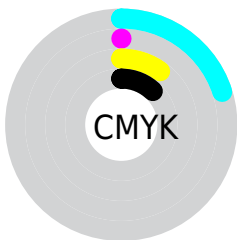
Blue (79%)



Red (71%)

Yellow (82%)

Blue (88%)

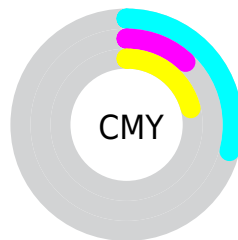


Cyan (20%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (29%)


Magenta (12%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0207, 67.2317, 65.2827 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 56.0207, 67.2317, 65.2827 by changing the saturation by 10% instead.


 56.0207, 67.2317,
65.2827

 56.0207, 67.2317,
65.2827


399.8433,
450.7691, 462.1412

 40.4566, 49.2729,
47.2375


 98.1745, 115.2524,
114.0734

 28.0805, 34.8360,
32.8678

125.4948,
146.0830, 145.6560

 18.5271, 23.5366,
21.7549

157.4647,
181.9732, 182.5881

 11.4311, 14.9902,
13.4803

194.4493,
223.3071, 225.2884

 6.4270, 8.8125,
7.6255

236.8142,
270.4693, 274.1752

 3.1495, 4.6191,
3.7720

284.9245,

 1.2333, 2.0256,

323.8441, 329.6673

1.5011

339.1458,
383.8159, 392.1831

■ 0.1324, 0.6223,
0.2187

■ 0.0000, 0.0000,
0.0000

■ 56.0207, 67.2317,
65.2827

■ 56.0207, 67.2317,
65.2827

■ 49.8962, 64.2294,
58.0779

■ 63.0968, 70.7161,
73.0832

■ 44.6749, 61.6790,
51.4500

■ 71.1587, 74.6945,
81.4884

■ 40.3125, 59.5598,
45.3859

■ 80.2460, 79.1888,
90.5131

■ 36.7585, 57.8461,
39.8702

■ 84.8157, 81.3414,
99.9089

■ 33.9572, 56.5094,
34.8867

■ 85.9469, 81.7939,
105.8656

■ 31.8448, 55.5171,
30.4182

■ 30.3465, 54.8310,
26.4464

■ 29.3377, 54.3873,
22.9500

■ 29.3057, 54.3734,
22.8337

Harmonies

Analogous

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



58.3783, 67.2317, 55.8776



56.0207, 67.2317, 65.2827



55.7157, 67.2317, 77.9640

Triad

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



56.0207, 67.2317, 65.2827



65.5429, 67.2317, 100.5673



70.7336, 67.2317, 58.0858

Complementary

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



56.0207, 67.2317, 65.2827



57.8437, 52.8034, 63.6464

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.



72.8526, 67.2317, 68.6416



56.0207, 67.2317, 65.2827



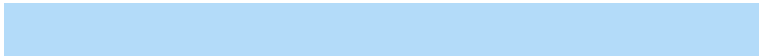
69.7630, 67.2317, 93.7858

Square

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



56.0207, 67.2317, 65.2827



61.0724, 67.2317, 99.3914



72.4892, 67.2317, 81.7412



66.8170, 67.2317, 52.0748

Rectangle

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



56.0207, 67.2317, 65.2827



56.7007, 67.2317, 86.7273



72.4892, 67.2317, 81.7412



71.6879, 67.2317, 61.1649

Sweetspot

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



56.0226, 67.2345, 65.2842



88.3822, 96.7083, 102.0054



59.6522, 69.3718, 53.4271



18.7684, 20.6261, 21.6766



0.0000, 0.0000, 0.0000



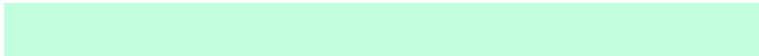
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0226, 67.2345, 65.2842



71.2770, 88.2910, 83.1020



58.7368, 68.3202, 79.5773



13.7998, 15.4457, 15.9811



17.1146, 31.6707, 13.5923



1.2313, 2.2133, 1.1793

Inverse Universe

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



57.8437, 52.8034, 63.6464



74.1864, 65.2342, 80.4842



55.4523, 51.8468, 51.0534



14.0050, 13.8196, 15.7966



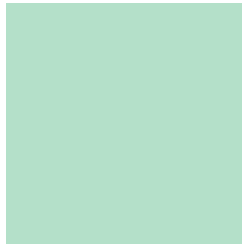
19.8241, 9.9966, 11.0054



1.4193, 0.7110, 1.0008

Previews

White Background



This preview shows how the XYZ color 56.0207, 67.2317, 65.2827 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 56.0207, 67.2317, 65.2827 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

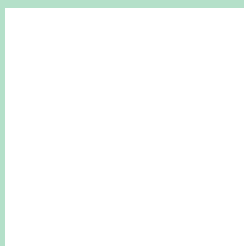
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0207, 67.2317, 65.2827

Background



This preview shows how black text looks on a background with the XYZ color 56.0207, 67.2317, 65.2827.



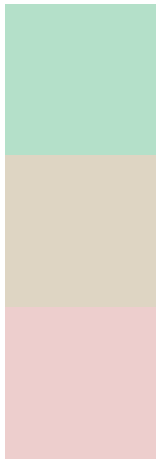
This preview shows how white text looks on a background with the XYZ color 56.0207, 67.2317,

65.2827.

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

56.0207, 67.2317, 65.2827

Protanopia

63.7688, 67.0582, 61.2123

Deuteranopia

68.0158, 66.5549, 67.0192



Tritanopia

60.7215, 67.1583, 89.1194

Trichromacy



Original Color

56.0207, 67.2317, 65.2827

Protanomaly

60.6230, 66.9223, 62.5454

Deuteranomaly

63.0122, 66.5471, 66.6505

Tritanomaly

58.9429, 67.2310, 79.6823

Monochromacy



Original Color

56.0207, 67.2317, 65.2827

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.3547, 64.5067, 67.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0207, 67.2317, 65.2827 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(180, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 201)  
}
```

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(180, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.0207, 67.2317, 65.2827 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(180, 224, 201) }
```


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

```
.border{ border-color:rgb(180, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0207, 67.2317, 65.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 201) }
```

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

```
.background{ background-color: rgb(180,  
224, 201) }
```

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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