

Converting Colors

XYZ(56.0944, 67.2869, 60.7466)

Have a look what the booklet for
XYZ(56.0944, 67.2869, 60.7466)
contains.

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Color

**XYZ(56.0485, 67.3519,
60.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0C1
RGB	184, 224, 193
RGB Percent	72%, 88%, 76%
CMY	0.2784, 0.1216, 0.2431
CMYK	0.18, 0.00, 0.14, 0.12
HSL	133°, 39%, 80%
HSV	133°, 18%, 88%
XYZ	56.0485, 67.3519, 60.4982
YIQ	208.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

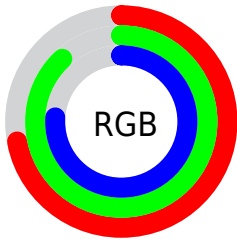
Format	Color
RYB	184, 217, 224
Decimal	12116161
CIELab	85.68, -18.99, 10.89
CIELCh	86, 21.895, 150.169
Yxy	67.3519, 0.3048, 0.3662
Android (android.graphics.Color)	4290306241 (0xFFB8E0C1)
YUV	208.5060, -7.6445, -21.4918
Hunter-Lab	82.0682, -21.7127, 13.7409

Details

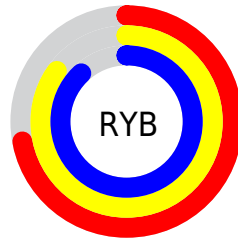
The XYZ color **56.0485, 67.3519, 60.4982** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1491, 55.0363, 71.7460**, and the grayscale version is **60.3388, 63.4811, 69.1310**.

A 20% lighter version of the original color is **88.7941, 96.8848, 103.6432**, and **28.0541, 34.9858, 29.7004** is the 20% darker color. If you saturate the color by 10%, you get **49.2773, 64.0739, 50.6586**, and if you desaturate by 10%, it is **63.9004, 71.1645, 71.5780**.

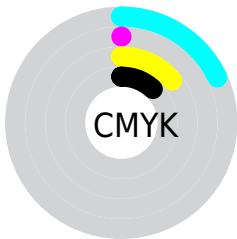
Distribution



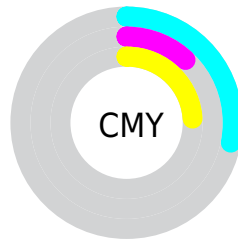
- Red (72%)
- Green (88%)
- Blue (76%)



- Red (72%)
- Yellow (85%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (28%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0485, 67.3519, 60.4982 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 56.0485, 67.3519, 60.4982 by changing the saturation by 10% instead.


 56.0485, 67.3519,
60.4982

 56.0485, 67.3519,
60.4982


399.9463,
451.1963, 444.2872

 40.4790, 49.3707,
43.3924


 98.2149, 115.4245,
107.1025

 28.0981, 34.9136,
29.8594

125.5424,
146.2847, 137.4380

 18.5404, 23.5963,
19.4808


157.5201,
182.2066, 173.0206

 11.4407, 15.0344,
11.8379

194.5131,
223.5746, 214.2687

 6.4335, 8.8436,
6.5122

236.8868,
270.7732, 261.6008

 3.1536, 4.6393,
3.0852


285.0067,


 1.2355, 2.0372,


324.1868, 315.4356


1.1383

339.2381,
384.1997, 376.1916


 0.1341, 0.6290,
0.0000


 0.0000, 0.0000,
0.0000


 56.0485, 67.3519,
60.4982


 56.0485, 67.3519,
60.4982


 49.2773, 64.0739,
50.6586


 63.9004, 71.1645,
71.5780


 43.5337, 61.2984,
42.0117

 72.8723, 75.5255,
83.9346

 38.7680, 59.0026,
34.5133

 83.0081, 80.4585,
97.6085

 34.9244, 57.1588,
28.1149

 85.9469, 81.7939,
105.8656

■ 31.9412, 55.7363,
22.7644

■ 29.7490, 54.7003,
18.4057

■ 28.2669, 54.0107,
14.9770

■ 27.3856, 53.6122,
12.4091

■ 27.2413, 53.5476,
11.9627

Harmonies

Analogous

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



59.3144, 67.3519, 52.0523



56.0485, 67.3519, 60.4982



54.8931, 67.3519, 73.4160

Triad

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



56.0485, 67.3519, 60.4982



64.0443, 67.3519, 104.3862



72.6740, 67.3519, 60.3746

Complementary

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



56.0485, 67.3519, 60.4982



60.1491, 55.0363, 71.7460

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.



74.0974, 67.3519, 73.2536



56.0485, 67.3519, 60.4982



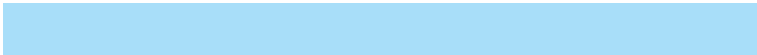
68.9597, 67.3519, 99.7472

Square

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



56.0485, 67.3519, 60.4982



59.3611, 67.3519, 99.8469



72.7048, 67.3519, 87.8697



68.9081, 67.3519, 51.9877

Rectangle

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



56.0485, 67.3519, 60.4982



55.4258, 67.3519, 83.2226



72.7048, 67.3519, 87.8697



73.4507, 67.3519, 64.2629

Sweetspot

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



56.0503, 67.3547, 60.4997



88.9634, 97.0413, 100.5231



63.4324, 71.2728, 55.7621



18.8654, 20.6851, 21.2716



0.0000, 0.0000, 0.0000



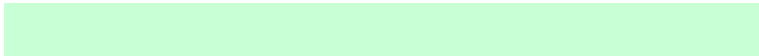
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0503, 67.3547, 60.4997



72.0421, 88.8294, 76.6314



58.3930, 68.2918, 72.8358



13.6544, 15.3875, 15.2155



15.8915, 31.1815, 7.1518



1.1353, 2.1748, 0.6735

Inverse Universe

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



60.1491, 55.0363, 71.7460



78.4021, 69.7116, 94.0796



57.7711, 54.0851, 59.2237



14.1562, 13.8801, 16.5925



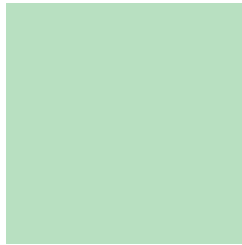
22.3631, 11.0122, 24.3754



1.5829, 0.7764, 1.8623

Previews

White Background



This preview shows how the XYZ color 56.0485, 67.3519, 60.4982 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 56.0485, 67.3519, 60.4982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

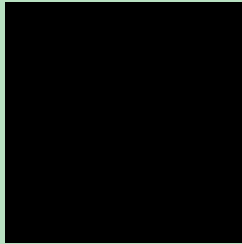
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

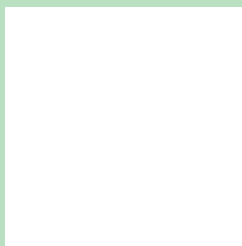
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0485, 67.3519, 60.4982

Background



This preview shows how black text looks on a background with the XYZ color 56.0485, 67.3519, 60.4982.



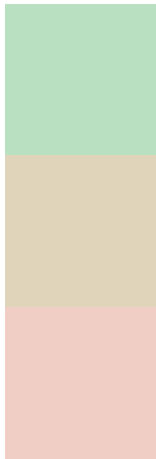
This preview shows how white text looks on a background with the XYZ color 56.0485, 67.3519,

60.4982.

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

56.0485, 67.3519, 60.4982

Protanopia

63.5044, 67.0236, 56.6035

Deuteranopia

68.4250, 66.8746, 62.1250



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

56.0485, 67.3519, 60.4982

Protanomaly

60.2927, 66.8551, 57.8707

Deuteranomaly

63.2733, 66.7897, 61.7814

Tritanomaly

59.2505, 67.0451, 77.5283

Monochromacy



Original Color

56.0485, 67.3519, 60.4982

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.6455, 64.6843, 65.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0485, 67.3519, 60.4982 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(184, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 193)  
}
```

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(184, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.0485, 67.3519, 60.4982 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(184, 224, 193) }
```


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

```
.border{ border-color:rgb(184, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0485, 67.3519, 60.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 193) }
```

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

```
.background{ background-color: rgb(184,  
224, 193) }
```

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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