

Converting Colors

XYZ(56.0346, 67.7920, 60.3322)

Have a look what the booklet for
XYZ(56.0346, 67.7920, 60.3322)
contains.

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Color

**XYZ(56.0793, 67.7680,
60.5769)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B7E1C1 |
| RGB | 183, 225, 193 |
| RGB Percent | 72%, 88%, 76% |
| CMY | 0.2823, 0.1176, 0.2431 |
| CMYK | 0.19, 0.00, 0.14, 0.12 |
| HSL | 134°, 41%, 80% |
| HSV | 134°, 19%, 88% |
| XYZ | 56.0793, 67.7680, 60.5769 |
| YIQ | 208.7940, -14.7600, -18.8560 |

Conversions

Conversions Part 2

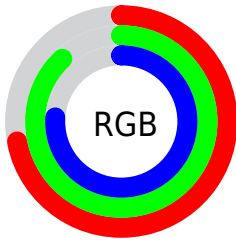
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 183, 217, 225 |
| Decimal | 12050881 |
| CIELab | 85.89, -19.82, 11.18 |
| CIElCh | 86, 22.754, 150.570 |
| Yxy | 67.7680, 0.3041, 0.3675 |
| Android (android.graphics.Color) | 4290240961 (0xFFB7E1C1) |
| YUV | 208.7940, -7.7864, -22.6213 |
| Hunter-Lab | 82.3213, -22.4637, 13.9958 |

Details

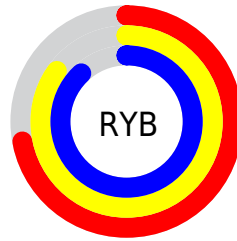
The XYZ color **56.0793, 67.7680, 60.5769** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.2530, 54.7824, 71.6914**, and the grayscale version is **60.5276, 63.6798, 69.3473**.

A 20% lighter version of the original color is **88.4555, 96.7103, 103.6274**, and **28.0882, 35.2807, 29.7555** is the 20% darker color. If you saturate the color by 10%, you get **49.3465, 64.5074, 50.8511**, and if you desaturate by 10%, it is **63.8930, 71.5641, 71.5134**.

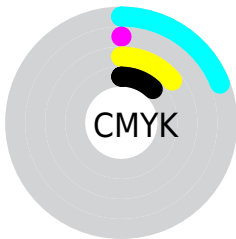
Distribution



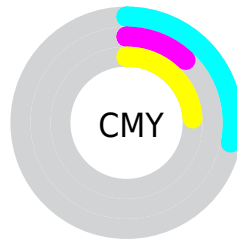
- Red (72%)
- Green (88%)
- Blue (76%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0793, 67.7680, 60.5769 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 56.0793, 67.7680, 60.5769 by changing the saturation by 10% instead.

■ 56.0793, 67.7680,
60.5769

■ 56.0793, 67.7680,
60.5769

400.0605,
452.6736, 444.5845

■ 40.5038, 49.7090,
43.4555

■ 98.2597, 116.0202,
107.2176

■ 28.1175, 35.1822,
29.9086

125.5952,
146.9822, 137.5740

■ 18.5552, 23.8033,
19.5178

157.5814,
183.0140, 173.1791

■ 11.4514, 15.1878,
11.8644

194.5837,
224.4999, 214.4515

■ 6.4408, 8.9513,
6.5300

236.9674,
271.8245, 261.8097

■ 3.1581, 4.7094,
3.0960

285.0978,

■ 1.2379, 2.0778,

325.3720, 315.6722

1.1439

339.3404,
385.5269, 376.4576

■ 0.1360, 0.6521,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0793, 67.7680,
60.5769

■ 56.0793, 67.7680,
60.5769

■ 49.3465, 64.5074,
50.8511

■ 63.8930, 71.5641,
71.5134

■ 43.6411, 61.7497,
42.2900

■ 72.8272, 75.9095,
83.6957

■ 38.9130, 59.4720,
34.8511

■ 82.9262, 80.8280,
97.1631

■ 35.1059, 57.6463,
28.4875

■ 86.2165, 82.3331,
105.9555

■ 32.1573, 56.2413,
23.1493

■ 29.9969, 55.2220,
18.7822

■ 28.5423, 54.5471,
15.3272

■ 27.6743, 54.1565,
12.7173

■ 27.5823, 54.1154,
12.4289

Harmonies

Analogous

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



59.4526, 67.7680, 51.7514



56.0793, 67.7680, 60.5769



54.9100, 67.7680, 74.0734

Triad

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



56.0793, 67.7680, 60.5769



64.5111, 67.7680, 106.3329



73.4218, 67.7680, 60.1448

Complementary

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



56.0793, 67.7680, 60.5769



60.2530, 54.7824, 71.6914

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.



74.9502, 67.7680, 73.5030



56.0793, 67.7680, 60.5769



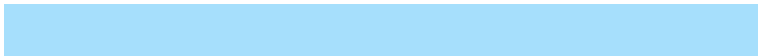
69.6386, 67.7680, 101.3308

Square

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



56.0793, 67.7680, 60.5769



59.6163, 67.7680, 101.6836



73.5306, 67.7680, 88.7921



69.4571, 67.7680, 51.5265

Rectangle

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



56.0793, 67.7680, 60.5769



55.4854, 67.7680, 84.3274



73.5306, 67.7680, 88.7921



74.2468, 67.7680, 64.1652

Sweetspot

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



56.0811, 67.7709, 60.5784



87.8229, 96.4846, 99.0602



63.5582, 71.7500, 55.2998



18.6365, 20.5733, 20.9816



0.0000, 0.0000, 0.0000



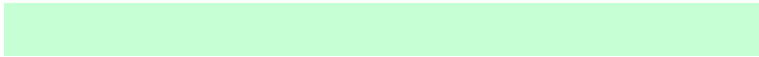
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0811, 67.7709, 60.5784



71.2027, 88.4149, 75.7701



58.5679, 68.7656, 73.6734



13.6619, 15.3905, 15.2546



15.9315, 31.1974, 7.3623



1.1390, 2.1763, 0.6931

Inverse Universe

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



60.2530, 54.7824, 71.6914



77.6139, 68.4502, 92.8455



57.7470, 53.7800, 58.4952



14.1482, 13.8769, 16.5505



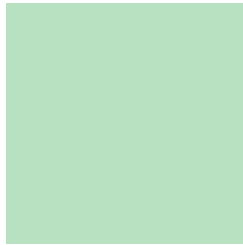
22.2004, 10.9472, 23.5188



1.5728, 0.7724, 1.8095

Previews

White Background



This preview shows how the XYZ color 56.0793, 67.7680, 60.5769 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 56.0793, 67.7680, 60.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

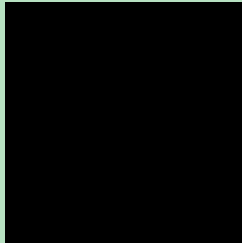
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

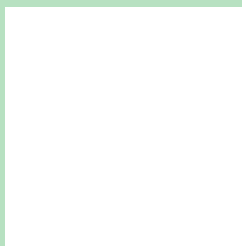
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0793, 67.7680, 60.5769

Background



This preview shows how black text looks on a background with the XYZ color 56.0793, 67.7680, 60.5769.



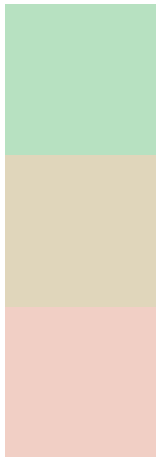
This preview shows how white text looks on a background with the XYZ color 56.0793, 67.7680,

60.5769.

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

56.0793, 67.7680, 60.5769

Protanopia

63.7567, 67.5283, 56.6876

Deuteranopia

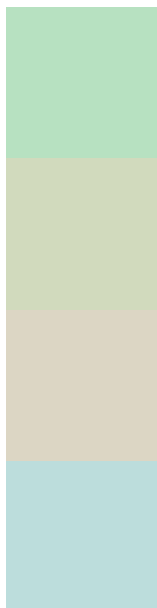
68.6665, 67.3576, 62.2055



Tritanopia

61.9577, 67.7955, 89.1772

Trichromacy



Original Color

56.0793, 67.7680, 60.5769

Protanomaly

60.5512, 67.3722, 57.9569

Deuteranomaly

63.5256, 67.2943, 61.8655

Tritanomaly

59.5138, 67.5716, 77.6161

Monochromacy



Original Color

56.0793, 67.7680, 60.5769

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.8993, 65.1920, 65.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0793, 67.7680, 60.5769 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(183, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 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(183, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.0793, 67.7680, 60.5769 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(183, 225, 193) }
```


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

```
.border{ border-color:rgb(183, 225, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0793, 67.7680, 60.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 193) }
```

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

```
.background{ background-color: rgb(183,  
225, 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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