

Converting Colors

XYZ(56.0565, 67.5553, 66.4246)

Have a look what the booklet for
XYZ(56.0565, 67.5553, 66.4246)
contains.

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Color

**XYZ(56.0648, 67.6272,
66.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E1CB
RGB	178, 225, 203
RGB Percent	70%, 88%, 80%
CMY	0.3020, 0.1176, 0.2039
CMYK	0.21, 0.00, 0.10, 0.12
HSL	152°, 44%, 79%
HSV	152°, 21%, 88%
XYZ	56.0648, 67.6272, 66.5983
YIQ	208.4390, -20.9500, -16.8060

Conversions

Conversions Part 2

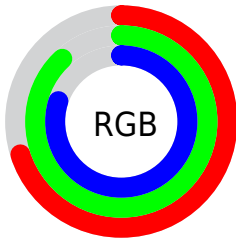
Format	Color
RYB	178, 209, 225
Decimal	11723211
CIELab	85.82, -19.55, 5.78
CIELCh	86, 20.386, 163.530
Yxy	67.6272, 0.2946, 0.3554
Android (android.graphics.Color)	4289913291 (0xFFB2E1CB)
YUV	208.4390, -2.6814, -26.6950
Hunter-Lab	82.2358, -22.2190, 9.5493

Details

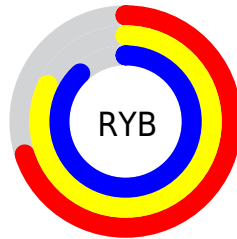
The XYZ color **56.0648, 67.6272, 66.5983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3994, 52.0202, 61.6622**, and the grayscale version is **60.2673, 63.4059, 69.0490**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **28.2570, 35.2794, 33.7541** is the 20% darker color. If you saturate the color by 10%, you get **50.1069, 64.6978, 59.9889**, and if you desaturate by 10%, it is **62.9585, 71.0329, 73.6996**.

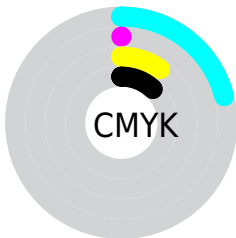
Distribution



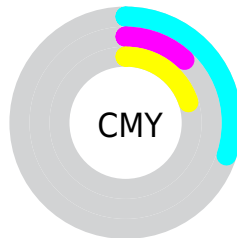
- Red (70%)
- Green (88%)
- Blue (80%)



- Red (70%)
- Yellow (82%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0648, 67.6272, 66.5983 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 56.0648, 67.6272, 66.5983 by changing the saturation by 10% instead.


 56.0648, 67.6272,
66.5983

 56.0648, 67.6272,
66.5983


400.0067,
452.1740, 466.9761

 40.4921, 49.5945,
48.2987


 98.2386, 115.8187,
115.9798

 28.1083, 35.0913,
33.7018

125.5703,
146.7462, 147.8988

 18.5482, 23.7332,
22.3891


157.5525,
182.7409, 185.1947

 11.4464, 15.1358,
13.9421

194.5504,
224.1870, 228.2859

 6.4374, 8.9148,
7.9421

236.9295,
271.4690, 277.5912

 3.1560, 4.6856,
3.9707


285.0549,

 1.2368, 2.0640,


324.9712, 333.5289


1.6093


339.2922,
385.0781, 396.5177

 0.1351, 0.6443,
0.2974


 0.0000, 0.0000,
0.0000


 56.0648, 67.6272,
66.5983


 56.0648, 67.6272,
66.5983


 50.1069, 64.6978,
59.9889


 62.9585, 71.0329,
73.6996


 45.0363, 62.2143,
53.8561

 70.8225, 74.9268,
81.2986

 40.8085, 60.1558,
48.1901

 79.6962, 79.3312,
89.4070

 37.3725, 58.4963,
42.9792

 84.6683, 81.7137,
97.8029

■ 34.6719, 57.2068,
38.2112

■ 86.2165, 82.3329,
105.9555

■ 32.6419, 56.2542,
33.8730

■ 31.2057, 55.5992,
29.9505

■ 30.2970, 55.2011,
26.7242

Harmonies

Analogous

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



58.3037, 67.6272, 56.5576



56.0648, 67.6272, 66.5983



55.9563, 67.6272, 79.8006

Triad

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



56.0648, 67.6272, 66.5983



66.3961, 67.6272, 101.4977



70.9930, 67.6272, 57.3419

Complementary

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



56.0648, 67.6272, 66.5983



57.3994, 52.0202, 61.6622

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.



73.3856, 67.6272, 67.7945



56.0648, 67.6272, 66.5983



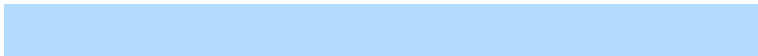
70.6463, 67.6272, 93.8433

Square

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



56.0648, 67.6272, 66.5983



61.7714, 67.6272, 101.0763



73.2557, 67.6272, 81.1497



66.8508, 67.6272, 51.6719

Rectangle

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



56.0648, 67.6272, 66.5983



57.0962, 67.6272, 88.7329



73.2557, 67.6272, 81.1497



72.0373, 67.6272, 60.3540

Sweetspot

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



56.0667, 67.6300, 66.5998



88.5115, 96.7600, 102.6865



58.9747, 69.4461, 52.4166



18.7990, 20.6383, 21.8375



0.0000, 0.0000, 0.0000



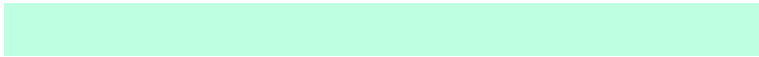
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0667, 67.6300, 66.5998



70.9209, 88.0736, 84.6087



58.6669, 68.3320, 81.3348



13.8319, 15.4585, 16.1503



17.5173, 31.8318, 15.7130



1.2593, 2.2245, 1.3268

Inverse Universe

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



57.3994, 52.0202, 61.6622



72.9889, 63.8561, 76.9499



55.1659, 51.3769, 49.1296



13.9729, 13.8068, 15.6276



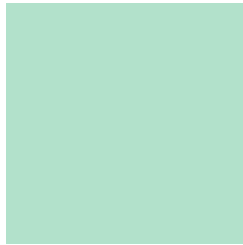
19.4301, 9.8391, 8.9309



1.3917, 0.7000, 0.8557

Previews

White Background



This preview shows how the XYZ color 56.0648, 67.6272, 66.5983 looks on a white background.

Color Contrast Check

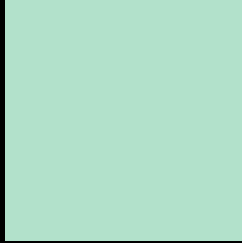
Large Text (above 18pt) WCAG AA × Fail

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 56.0648, 67.6272, 66.5983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

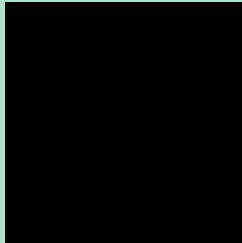
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

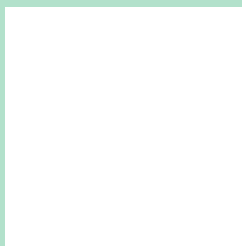
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0648, 67.6272, 66.5983

Background



This preview shows how black text looks on a background with the XYZ color 56.0648, 67.6272, 66.5983.

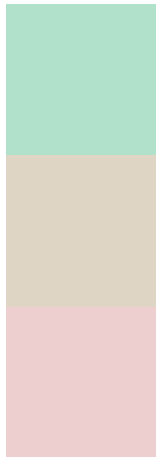


This preview shows how white text looks on a background with the XYZ color 56.0648, 67.6272,

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

56.0648, 67.6272, 66.5983

Protanopia

63.9965, 67.1493, 62.4115

Deuteranopia

68.5004, 67.1352, 68.3795



Tritanopia

60.7930, 67.5498, 90.7232

Trichromacy



Original Color

56.0648, 67.6272, 66.5983

Protanomaly

60.5753, 66.8710, 63.7476

Deuteranomaly

63.5060, 67.1483, 68.0063

Tritanomaly

59.0033, 67.6239, 81.1771

Monochromacy



Original Color

56.0648, 67.6272, 66.5983

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.2131, 64.4197, 67.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0648, 67.6272, 66.5983 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(178, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 203)  
}
```

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(178, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.0648, 67.6272, 66.5983 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(178, 225, 203) }
```


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

```
.border{ border-color:rgb(178, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(178, 225,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0648, 67.6272, 66.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 203) }
```

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

```
.background{ background-color: rgb(178,  
225, 203) }
```

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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