

Converting Colors

XYZ(56.4653, 67.0083, 67.7187)

Have a look what the booklet for
XYZ(56.4653, 67.0083, 67.7187)
contains.

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Color

**XYZ(56.4632, 67.0069,
67.7153)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DFCD
RGB	181, 223, 205
RGB Percent	71%, 87%, 80%
CMY	0.2902, 0.1255, 0.1961
CMYK	0.19, 0.00, 0.08, 0.13
HSL	154°, 40%, 79%
HSV	154°, 19%, 87%
XYZ	56.4632, 67.0069, 67.7153
YIQ	208.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

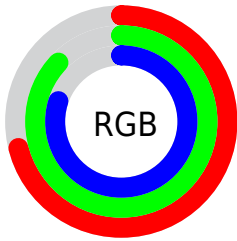
Format	Color
RYB	181, 208, 223
Decimal	11919309
CIELab	85.51, -17.21, 4.30
CIELCh	86, 17.741, 165.981
Yxy	67.0069, 0.2953, 0.3505
Android (android.graphics.Color)	4290109389 (0xFFB5DFCD)
YUV	208.3900, -1.6713, -24.0210
Hunter-Lab	81.8577, -20.1267, 8.2539

Details

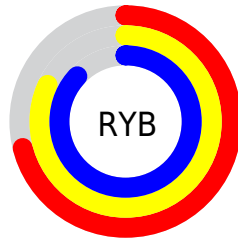
The XYZ color **56.4632, 67.0069, 67.7153** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2665, 52.8610, 61.2208**, and the grayscale version is **60.2283, 63.3649, 69.0043**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.4906, 34.8288, 34.4992** is the 20% darker color. If you saturate the color by 10%, you get **50.5284, 64.0785, 61.5982**, and if you desaturate by 10%, it is **63.3092, 70.4006, 74.2458**.

Distribution



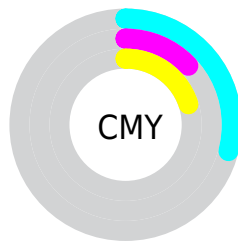
- Red (71%)
- Green (87%)
- Blue (80%)



- Red (71%)
- Yellow (82%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4632, 67.0069, 67.7153 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 56.4632, 67.0069, 67.7153 by changing the saturation by 10% instead.


 56.4632, 67.0069,
67.7153

 56.4632, 67.0069,
67.7153


401.4816,
449.9693, 471.0573

 40.8129, 49.0902,
49.2009


 98.8174, 114.9303,
117.5951

 28.3599, 34.6911,
34.4122

126.2520,
145.7058, 149.7976

 18.7390, 23.4250,
22.9305

158.3453,
181.5364, 187.4000

 11.5847, 14.9076,
14.3374

195.4629,
222.8065, 230.8206

 6.5317, 8.7546,
8.2143

237.9699,
269.9004, 280.4781

 3.2147, 4.5815,
4.1426

286.2318,

 1.2683, 2.0038,

323.2026, 336.7910

1.7039

340.6139,
383.0974, 400.1779

■ 0.1593, 0.6097,
0.3634

■ 0.0000, 0.0000,
0.0000

■ 56.4632, 67.0069,
67.7153

■ 56.4632, 67.0069,
67.7153

■ 50.5284, 64.0785,
61.5982

■ 63.3092, 70.4006,
74.2458

■ 45.4582, 61.5860,
55.8817


■ 71.0992, 74.2707,
81.1935

■ 41.2103, 59.5095,
50.5585


■ 79.8709, 78.6386,
88.5677


■ 37.7363, 57.8243,
45.6194


■ 83.8421, 80.5231,
96.1037


 34.9825, 56.5029,
41.0548


 85.3256, 81.1165,
103.9158

 32.8882, 55.5140,
36.8546

 85.6789, 81.2579,
105.7763

 31.3815, 54.8209,
33.0078

 30.3531, 54.3673,
29.5014

 30.2472, 54.3212,
29.1138

Harmonies

Analogous

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



58.2776, 67.0069, 58.6015



56.4632, 67.0069, 67.7153



56.5266, 67.0069, 79.2402

Triad

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



56.4632, 67.0069, 67.7153



65.8450, 67.0069, 96.4359



69.2248, 67.0069, 58.1382

Complementary

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



56.4632, 67.0069, 67.7153



57.2665, 52.8610, 61.2208

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.



71.4301, 67.0069, 67.0191



56.4632, 67.0069, 67.7153



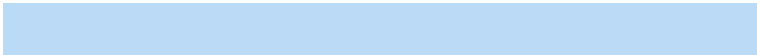
69.4234, 67.0069, 89.4890

Square

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



56.4632, 67.0069, 67.7153



61.8297, 67.0069, 96.6730



71.5043, 67.0069, 78.4669



65.5832, 67.0069, 53.4797

Rectangle

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



56.4632, 67.0069, 67.7153



57.6222, 67.0069, 86.7869



71.5043, 67.0069, 78.4669



70.1653, 67.0069, 60.6841

Sweetspot

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



56.4651, 67.0097, 67.7168



88.6054, 96.7976, 103.1808



58.3367, 68.2840, 53.8226



18.8212, 20.6472, 21.9544



0.0000, 0.0000, 0.0000



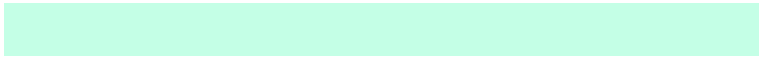
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4651, 67.0097, 67.7168



72.8796, 89.0082, 88.1003



58.0233, 66.4458, 79.5825



13.8553, 15.4679, 16.2733



17.8418, 31.9616, 17.4217



1.2813, 2.2332, 1.4424

Inverse Universe

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



57.2665, 52.8610, 61.2208



74.1753, 66.1445, 77.6059



55.8730, 53.2238, 51.0455



13.9499, 13.7976, 15.5062



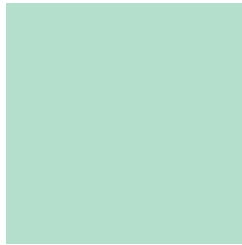
19.1774, 9.7380, 7.6002



1.3735, 0.6927, 0.7595

Previews

White Background



This preview shows how the XYZ color 56.4632, 67.0069, 67.7153 looks on a white background.

Color Contrast Check

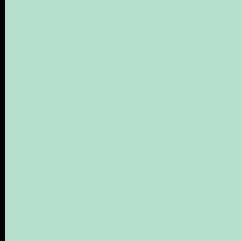
Large Text (above 18pt) WCAG AA × Fail

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 56.4632, 67.0069, 67.7153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

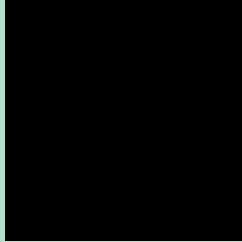
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

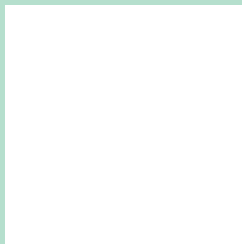
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4632, 67.0069, 67.7153

Background



This preview shows how black text looks on a background with the XYZ color 56.4632, 67.0069, 67.7153.

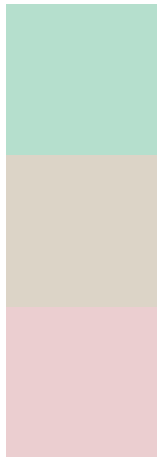


This preview shows how white text looks on a background with the XYZ color 56.4632, 67.0069,

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

56.4632, 67.0069, 67.7153

Protanopia

63.3675, 66.4261, 63.5145

Deuteranopia

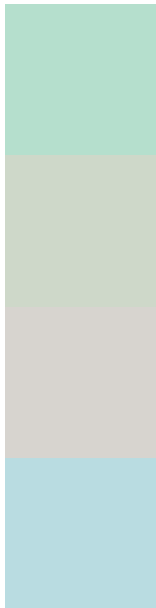
67.7174, 66.3588, 68.9140



Tritanopia

60.7052, 66.7637, 89.0441

Trichromacy



Original Color

56.4632, 67.0069, 67.7153

Protanomaly

60.5521, 66.4506, 64.8932

Deuteranomaly

62.8303, 66.0390, 68.4668

Tritanomaly

59.1914, 66.9369, 81.0346

Monochromacy



Original Color

56.4632, 67.0069, 67.7153

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.3454, 64.0993, 68.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4632, 67.0069, 67.7153 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(181, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 223, 205)  
}
```

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(181, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 223, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.4632, 67.0069, 67.7153 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(181, 223, 205) }
```


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

```
.border{ border-color:rgb(181, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 223,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4632, 67.0069, 67.7153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 223, 205) }
```

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

```
.background{ background-color: rgb(181,  
223, 205) }
```

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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