

Converting Colors

XYZ(56.2235, 66.4599, 68.9798)

Have a look what the booklet for
XYZ(56.2235, 66.4599, 68.9798)
contains.

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Color

**XYZ(56.2062, 66.4508,
68.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DECF
RGB	180, 222, 207
RGB Percent	71%, 87%, 81%
CMY	0.2941, 0.1294, 0.1882
CMYK	0.19, 0.00, 0.07, 0.13
HSL	159°, 39%, 79%
HSV	159°, 19%, 87%
XYZ	56.2062, 66.4508, 68.8954
YIQ	207.7320, -20.2170, -13.5690

Conversions

Conversions Part 2

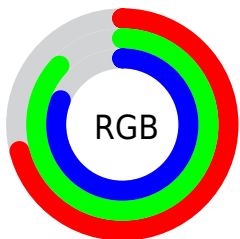
Format	Color
RYB	180, 206, 222
Decimal	11853519
CIELab	85.23, -16.64, 2.83
CIELCh	85, 16.876, 170.360
Yxy	66.4508, 0.2934, 0.3469
Android (android.graphics.Color)	4290043599 (0xFFB4DECF)
YUV	207.7320, -0.3609, -24.3210
Hunter-Lab	81.5174, -19.5797, 6.9525

Details

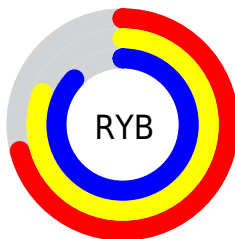
The XYZ color **56.2062, 66.4508, 68.8954** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2982, 52.1141, 58.7246**, and the grayscale version is **59.7938, 62.9078, 68.5066**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.3209, 34.4494, 35.2937** is the 20% darker color. If you saturate the color by 10%, you get **50.5012, 63.6208, 63.6949**, and if you desaturate by 10%, it is **62.7914, 69.7325, 74.3941**.

Distribution



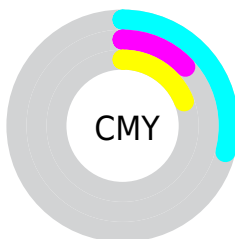
- Red (71%)
- Green (87%)
- Blue (81%)



- Red (71%)
- Yellow (81%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2062, 66.4508, 68.8954 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 56.2062, 66.4508, 68.8954 by changing the saturation by 10% instead.


 56.2062, 66.4508,
68.8954

 56.2062, 66.4508,
68.8954


400.5306,
447.9874, 475.3459

 40.6059, 48.6384,
50.1553


 98.4441, 114.1331,
119.2985

 28.1976, 34.3328,
35.1648


125.8124,
144.7719, 151.7985

 18.6159, 23.1493,
23.5053


157.8340,
180.4548, 189.7223

 11.4954, 14.7038,
14.7582

194.8744,
221.5665, 233.4883

 6.4708, 8.6118,
8.5051

237.2989,
268.4912, 283.5151

 3.1768, 4.4888,
4.3275

285.4729,

 1.2479, 1.9506,

321.6133, 340.2213

1.8067

339.7616,
381.3172, 404.0254

■ 0.1437, 0.5785,
0.4323

■ 0.0000, 0.0000,
0.0000

■ 56.2062, 66.4508,
68.8954

■ 56.2062, 66.4508,
68.8954

■ 50.5012, 63.6208,
63.6949

■ 62.7914, 69.7325,
74.3941

■ 45.6308, 61.2137,
58.7826


■ 70.2886, 73.4769,
80.1919


■ 41.5536, 59.2100,
54.1542


■ 78.7349, 77.7048,
86.2954


■ 38.2223, 57.5855,
49.8036

■ 82.9012, 79.7204,
92.4635

 35.5844, 56.3132,
45.7244


 84.0971, 80.1988,
98.7608


 33.5803, 55.3624,
41.9098

 85.3450, 80.6979,
105.3321

 32.1396, 54.6970,
38.3522

 85.4125, 80.7249,
105.6875

 31.1532, 54.2607,
35.0423

 31.0582, 54.2192,
34.6986

Harmonies

Analogous

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



57.6823, 66.4508, 59.7724



56.2062, 66.4508, 68.8954



56.5347, 66.4508, 79.9045

Triad

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



56.2062, 66.4508, 68.8954



65.7438, 66.4508, 93.8693



67.9513, 66.4508, 57.3643

Complementary

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



56.2062, 66.4508, 68.8954



56.2982, 52.1141, 58.7246

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.



70.2826, 66.4508, 65.2941



56.2062, 66.4508, 68.8954



68.9729, 66.4508, 86.5870

Square

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



56.2062, 66.4508, 68.8954



61.9401, 66.4508, 95.0817



70.6638, 66.4508, 75.9257



64.3947, 66.4508, 53.5709

Rectangle

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



56.2062, 66.4508, 68.8954



57.7380, 66.4508, 86.8148



70.6638, 66.4508, 75.9257



68.9102, 66.4508, 59.5947

Sweetspot

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



56.2081, 66.4536, 68.8969



88.7759, 96.8658, 104.0786



56.9709, 67.1962, 53.1487



18.8615, 20.6633, 22.1667



0.0000, 0.0000, 0.0000



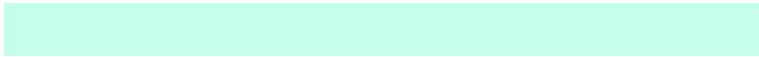
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2081, 66.4536, 68.8969



73.4747, 89.2462, 91.2338



56.6679, 64.2968, 78.5342



13.8979, 15.4849, 16.4975



18.5019, 32.2256, 20.8980



1.3247, 2.2506, 1.6709

Inverse Universe

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



56.2982, 52.1141, 58.7246



73.6223, 65.9233, 74.6941



55.8393, 53.7763, 50.6180



13.9085, 13.7810, 15.2882



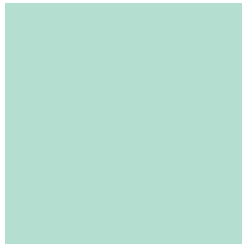
18.7861, 9.5815, 5.5396



1.3438, 0.6808, 0.6035

Previews

White Background



This preview shows how the XYZ color 56.2062, 66.4508, 68.8954 looks on a white background.

Color Contrast Check

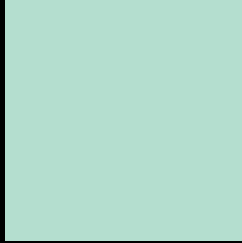
Large Text (above 18pt) WCAG AA × Fail

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 56.2062, 66.4508, 68.8954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

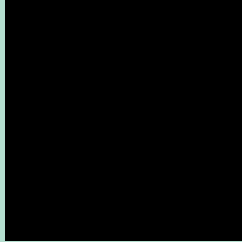
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2062, 66.4508, 68.8954

Background



This preview shows how black text looks on a background with the XYZ color 56.2062, 66.4508, 68.8954.

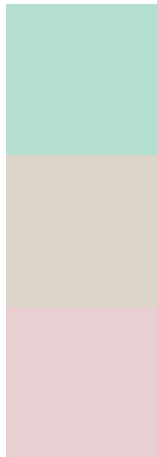


This preview shows how white text looks on a background with the XYZ color 56.2062, 66.4508,

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

56.2062, 66.4508, 68.8954

Protanopia

63.2995, 66.3641, 64.7316

Deuteranopia

67.3084, 66.1194, 70.1875



Tritanopia

60.0744, 66.4553, 88.2582

Trichromacy



Original Color

56.2062, 66.4508, 68.8954

Protanomaly

60.5122, 66.4027, 66.1276

Deuteranomaly

62.7837, 65.9866, 69.7492

Tritanomaly

58.4506, 66.1666, 80.9249

Monochromacy



Original Color

56.2062, 66.4508, 68.8954

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.4681, 64.1483, 68.9748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2062, 66.4508, 68.8954 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, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 207)  
}
```

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, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.2062, 66.4508, 68.8954 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, 222, 207) }
```


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

```
.border{ border-color:rgb(180, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2062, 66.4508, 68.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 207) }
```

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

```
.background{ background-color: rgb(180,  
222, 207) }
```

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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