

Converting Colors

XYZ(58.1571, 67.4093, 71.2021)

Have a look what the booklet for
XYZ(58.1571, 67.4093, 71.2021)
contains.

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Color

**XYZ(58.0038, 67.3348,
70.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	BADED2
RGB	186, 222, 210
RGB Percent	73%, 87%, 82%
CMY	0.2706, 0.1294, 0.1765
CMYK	0.16, 0.00, 0.05, 0.13
HSL	160°, 35%, 80%
HSV	160°, 16%, 87%
XYZ	58.0038, 67.3348, 70.9126
YIQ	209.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

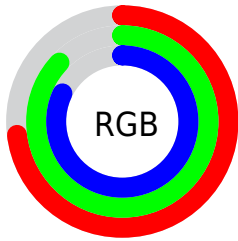
Format	Color
R _{YB}	186, 208, 222
Decimal	12246738
CIE _{Lab}	85.67, -14.14, 1.94
CIE _{LCh}	86, 14.269, 172.198
Y _{xy}	67.3348, 0.2956, 0.3431
Android (android.graphics.Color)	4290436818 (0xFFBADED2)
YUV	209.8680, 0.0651, -20.9322
Hunter-Lab	82.0578, -17.4257, 6.2033

Details

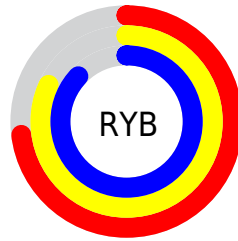
The XYZ color **58.0038, 67.3348, 70.9126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8785, 54.7263, 60.9416**, and the grayscale version is **61.1814, 64.3675, 70.0963**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.3352, 34.9433, 36.6511** is the 20% darker color. If you saturate the color by 10%, you get **52.1233, 64.4092, 65.9355**, and if you desaturate by 10%, it is **64.7687, 70.7150, 76.1566**.

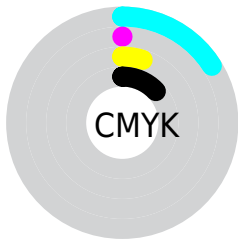
Distribution



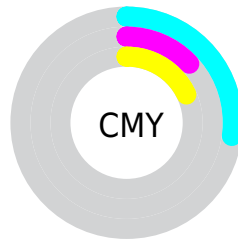
- Red (73%)
- Green (87%)
- Blue (82%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0038, 67.3348, 70.9126 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 58.0038, 67.3348, 70.9126 by changing the saturation by 10% instead.

■ 58.0038, 67.3348,
70.9126

■ 58.0038, 67.3348,
70.9126

407.1537,
451.1356, 482.6233

■ 42.0550, 49.3568,
51.7895

■ 101.0513,
115.4000, 122.2026

■ 29.3356, 34.9026,
36.4562

128.8807,
146.2560, 155.2065

■ 19.4804, 23.5878,
24.4943

161.4011,
182.1734, 193.6744

■ 12.1240, 15.0282,
15.4851

198.9776,
223.5366, 238.0249

■ 6.9010, 8.8391,
9.0101

241.9758,
270.7300, 288.6765

■ 3.4460, 4.6364,
4.6509

290.7610,

■ 1.3938, 2.0356,

324.1381, 346.0477

1.9888

345.6985,
384.1451, 410.5571

■ 0.2518, 0.6280,
0.5484

■ 0.0000, 0.0000,
0.0000

■ 58.0038, 67.3348,
70.9126

■ 58.0038, 67.3348,
70.9126

■ 52.1233, 64.4092,
65.9355

■ 64.7687, 70.7150,
76.1566

■ 47.0823, 61.9097,
61.2160

■ 72.4490, 74.5603,
81.6675

■ 42.8406, 59.8175,
56.7506

■ 81.0809, 78.8912,
87.4515

■ 39.3522, 58.1089,
52.5339

■ 83.0324, 79.7730,
93.1540

■ 36.5664, 56.7578,
48.5605

■ 84.1524, 80.2210,
99.0516

■ 34.4258, 55.7348,
44.8245

■ 85.3177, 80.6871,
105.1881

■ 32.8637, 55.0054,
41.3194

■ 85.4125, 80.7251,
105.6875

■ 31.7966, 54.5268,
38.0379

■ 31.4671, 54.3829,
36.8516

Harmonies

Analogous

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



59.1862, 67.3348, 62.8809



58.0038, 67.3348, 70.9126



58.3844, 67.3348, 80.2905

Triad

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



58.0038, 67.3348, 70.9126



66.3908, 67.3348, 91.1734



67.9084, 67.3348, 60.0602

Complementary

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



58.0038, 67.3348, 70.9126



57.8785, 54.7263, 60.9416

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.



69.9640, 67.3348, 66.7578



58.0038, 67.3348, 70.9126



69.0674, 67.3348, 84.8464

Square

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



58.0038, 67.3348, 70.9126



63.1549, 67.3348, 92.5230



70.3952, 67.3348, 75.7734



64.8521, 67.3348, 56.9703

Rectangle

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



58.0038, 67.3348, 70.9126



59.4793, 67.3348, 86.0115



70.3952, 67.3348, 75.7734



68.7435, 67.3348, 61.9359

Sweetspot

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



58.0057, 67.3376, 70.9141



89.8369, 97.3907, 105.1231



58.4335, 67.8782, 56.4773



19.0775, 20.7700, 22.3887



0.0000, 0.0000, 0.0000



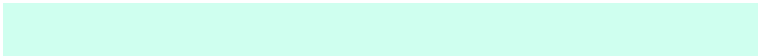
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0057, 67.3376, 70.9141



76.9240, 90.9436, 95.0427



58.1465, 65.1354, 78.6183



13.9121, 15.4906, 16.5726



18.7435, 32.3223, 22.1701



1.3402, 2.2568, 1.7527

Inverse Universe

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



57.8785, 54.7263, 60.9416



76.7232, 70.9796, 79.2588



57.7074, 56.5128, 54.3218



13.8948, 13.7755, 15.2161



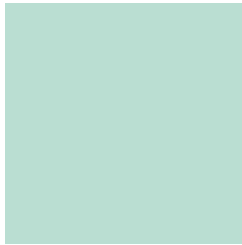
18.6738, 9.5365, 4.9481



1.3349, 0.6772, 0.5566

Previews

White Background



This preview shows how the XYZ color 58.0038, 67.3348, 70.9126 looks on a white background.

Color Contrast Check

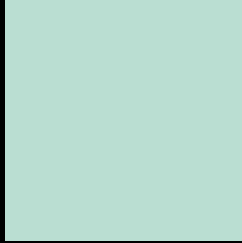
Large Text (above 18pt) WCAG AA × Fail

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 58.0038, 67.3348, 70.9126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

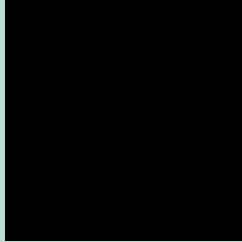
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

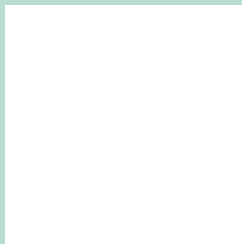
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0038, 67.3348, 70.9126

Background



This preview shows how black text looks on a background with the XYZ color 58.0038, 67.3348, 70.9126.

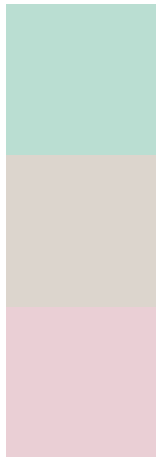


This preview shows how white text looks on a background with the XYZ color 58.0038, 67.3348,

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

58.0038, 67.3348, 70.9126

Protanopia

64.3289, 67.2119, 67.3403

Deuteranopia

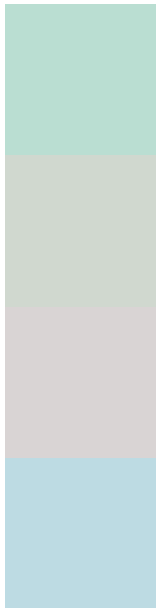
68.2547, 66.9222, 72.2706



Tritanopia

61.6976, 67.2753, 89.0905

Trichromacy



Original Color

58.0038, 67.3348, 70.9126

Protanomaly

61.8308, 67.0266, 68.7101

Deuteranomaly

64.0424, 66.5921, 71.7655

Tritanomaly

60.1829, 67.0279, 82.4387

Monochromacy



Original Color

58.0038, 67.3348, 70.9126

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7668, 65.1638, 70.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0038, 67.3348, 70.9126 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(186, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 210)  
}
```

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(186, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.0038, 67.3348, 70.9126 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(186, 222, 210) }
```


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

```
.border{ border-color:rgb(186, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0038, 67.3348, 70.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 210) }
```

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

```
.background{ background-color: rgb(186,  
222, 210) }
```

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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