

Converting Colors

XYZ(58.0783, 67.4630, 71.2936)

Have a look what the booklet for
XYZ(58.0783, 67.4630, 71.2936)
contains.

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Color

**XYZ(58.1288, 67.3848,
71.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	BADED3
RGB	186, 222, 211
RGB Percent	73%, 87%, 83%
CMY	0.2706, 0.1294, 0.1725
CMYK	0.16, 0.00, 0.05, 0.13
HSL	162°, 35%, 80%
HSV	162°, 16%, 87%
XYZ	58.1288, 67.3848, 71.5709
YIQ	209.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

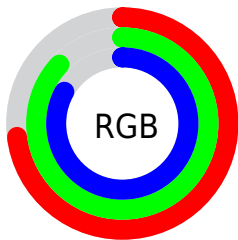
Format	Color
RYB	186, 207, 222
Decimal	12246739
CIELab	85.70, -13.94, 1.45
CIELCh	86, 14.016, 174.080
Yxy	67.3848, 0.2949, 0.3419
Android (android.graphics.Color)	4290436819 (0xFFBADED3)
YUV	209.9820, 0.5019, -21.0322
Hunter-Lab	82.0882, -17.2540, 5.7682

Details

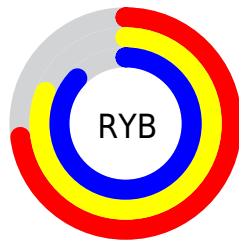
The XYZ color **58.1288, 67.3848, 71.5709** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7635, 54.6803, 60.3360**, and the grayscale version is **61.2535, 64.4435, 70.1789**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.4202, 34.9773, 37.0990** is the 20% darker color. If you saturate the color by 10%, you get **52.3165, 64.4865, 66.9530**, and if you desaturate by 10%, it is **64.8188, 70.7351, 76.4202**.

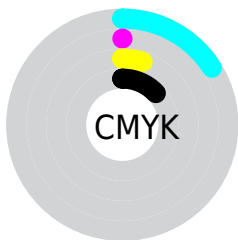
Distribution



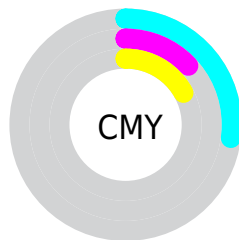
- Red (73%)
- Green (87%)
- Blue (83%)



- Red (73%)
- Yellow (81%)
- Blue (87%)



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




- Cyan (27%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1288, 67.3848, 71.5709 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 58.1288, 67.3848, 71.5709 by changing the saturation by 10% instead.


 58.1288, 67.3848,
71.5709

 58.1288, 67.3848,
71.5709


407.6118,
451.3132, 484.9840

 42.1559, 49.3974,
52.3235


 101.2323,
115.4716, 123.1483

 29.4150, 34.9348,
36.8790

129.0935,
146.3398, 156.3154

 19.5408, 23.6127,
24.8188


161.6483,
182.2704, 194.9595

 12.1680, 15.0466,
15.7243

199.2619,
223.6478, 239.4992

 6.9312, 8.8521,
9.1770

242.2997,
270.8564, 290.3529

 3.4651, 4.6448,
4.7584

291.1270,

 1.4042, 2.0404,

324.2806, 347.9393

2.0500

346.1093,
384.3047, 412.6768

■ 0.2592, 0.6308,
0.5858

■ 0.0000, 0.0000,
0.0000

■ 58.1288, 67.3848,
71.5709

■ 58.1288, 67.3848,
71.5709

■ 52.3165, 64.4865,
66.9530

■ 64.8188, 70.7351,
76.4202

■ 47.3371, 62.0117,
62.5578

■ 72.4172, 74.5476,
81.5002

■ 43.1505, 59.9415,
58.3825

■ 80.9603, 78.8430,
86.8164

■ 39.7109, 58.2524,
54.4227

■ 82.8159, 79.6864,
92.0136

■ 36.9677, 56.9183,
50.6735

■ 83.8326, 80.0931,
97.3677

■ 34.8636, 55.9099,
47.1298

■ 84.8874, 80.5150,
102.9219

■ 33.3321, 55.1928,
43.7860

■ 85.4125, 80.7251,
105.6875

■ 32.2899, 54.7241,
40.6355

■ 31.9683, 54.5834,
39.4911

Harmonies

Analogous

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



59.1997, 67.3848, 63.5252



58.1288, 67.3848, 71.5709



58.6005, 67.3848, 80.7861

Triad

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



58.1288, 67.3848, 71.5709



66.5867, 67.3848, 90.6347



67.7193, 67.3848, 60.0244

Complementary

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



58.1288, 67.3848, 71.5709



57.7635, 54.6803, 60.3360

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.



69.8214, 67.3848, 66.4234



58.1288, 67.3848, 71.5709



69.1524, 67.3848, 84.1840

Square

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



58.1288, 67.3848, 71.5709



63.4157, 67.3848, 92.2995



70.3543, 67.3848, 75.2002



64.6829, 67.3848, 57.2245

Rectangle

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



58.1288, 67.3848, 71.5709



59.7346, 67.3848, 86.3037



70.3543, 67.3848, 75.2002



68.5626, 67.3848, 61.7988

Sweetspot

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



58.1307, 67.3876, 71.5724



89.8927, 97.4131, 105.4170



58.1172, 67.7151, 56.4625



19.0911, 20.7754, 22.4602



0.0000, 0.0000, 0.0000



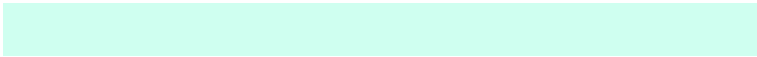
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1307, 67.3876, 71.5724



77.1234, 91.0234, 96.0929



57.8390, 64.5205, 78.5158



13.9289, 15.4973, 16.6606



19.0394, 32.4406, 23.7281



1.3591, 2.2643, 1.8519

Inverse Universe

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



57.7635, 54.6803, 60.3360



76.5427, 70.9074, 78.3085



57.9709, 57.0399, 54.4097



13.8788, 13.7692, 15.1321



18.5537, 9.4885, 4.3157



1.3251, 0.6733, 0.5049

Previews

White Background



This preview shows how the XYZ color 58.1288, 67.3848, 71.5709 looks on a white background.

Color Contrast Check

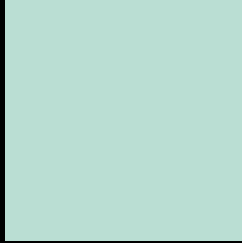
Large Text (above 18pt) WCAG AA × Fail

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 58.1288, 67.3848, 71.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

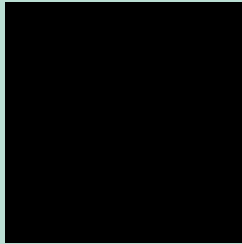
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

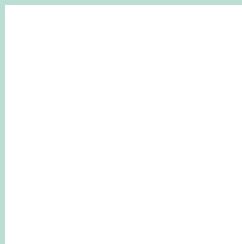
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1288, 67.3848, 71.5709

Background



This preview shows how black text looks on a background with the XYZ color 58.1288, 67.3848, 71.5709.

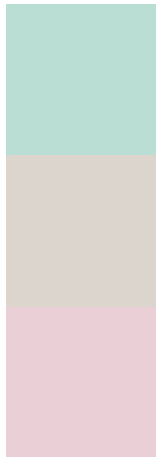


This preview shows how white text looks on a background with the XYZ color 58.1288, 67.3848,

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

58.1288, 67.3848, 71.5709

Protanopia

64.1482, 67.1048, 67.9641

Deuteranopia

68.3821, 66.9731, 72.9413



Tritanopia

61.6976, 67.2753, 89.0905

Trichromacy



Original Color

58.1288, 67.3848, 71.5709

Protanomaly

61.6732, 66.9312, 69.3430

Deuteranomaly

64.1690, 66.6428, 72.4321

Tritanomaly

60.1829, 67.0279, 82.4387

Monochromacy



Original Color

58.1288, 67.3848, 71.5709

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 58.1288, 67.3848, 71.5709 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.1288, 67.3848, 71.5709 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, 211) }
```


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

```
.border{ border-color:rgb(186, 222, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1288, 67.3848, 71.5709 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, 211) }
```

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

```
.background{ background-color: rgb(186,  
222, 211) }
```

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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