

Converting Colors

XYZ(59.4512, 71.0857, 68.4899)

Have a look what the booklet for
XYZ(59.4512, 71.0857, 68.4899)
contains.

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Color

**XYZ(59.2885, 70.8855,
68.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE5CD
RGB	186, 229, 205
RGB Percent	73%, 90%, 80%
CMY	0.2706, 0.1019, 0.1961
CMYK	0.19, 0.00, 0.10, 0.10
HSL	147°, 45%, 81%
HSV	147°, 19%, 90%
XYZ	59.2885, 70.8855, 68.3150
YIQ	213.4070, -17.9240, -16.5800

Conversions

Conversions Part 2

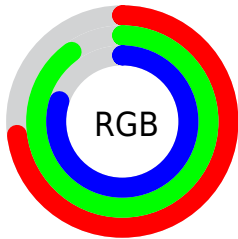
Format	Color
R_{YB}	186, 216, 229
Decimal	12248525
CIE _{Lab}	87.43, -18.60, 7.11
CIE _{LCh}	87, 19.912, 159.084
Yxy	70.8855, 0.2987, 0.3571
Android (android.graphics.Color)	4290438605 (0xFFBAE5CD)
YUV	213.4070, -4.1447, -24.0359
Hunter-Lab	84.1935, -21.6402, 10.8273

Details

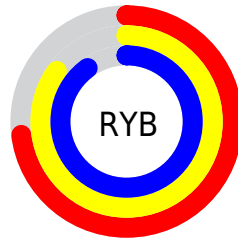
The XYZ color **59.2885, 70.8855, 68.3150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.5074, 56.4308, 68.6265**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.0452, 37.0270, 34.8415** is the 20% darker color. If you saturate the color by 10%, you get **52.6844, 67.6540, 60.2784**, and if you desaturate by 10%, it is **66.9142, 74.6330, 77.0605**.

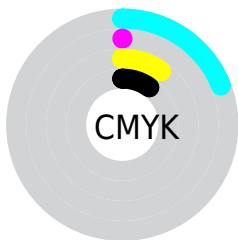
Distribution



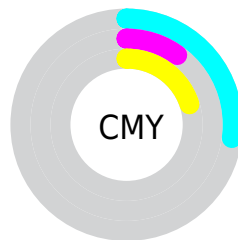
- Red (73%)
- Green (90%)
- Blue (80%)



- Red (73%)
- Yellow (85%)
- Blue (90%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2885, 70.8855, 68.3150 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 59.2885, 70.8855, 68.3150 by changing the saturation by 10% instead.

■ 59.2885, 70.8855,
68.3150

■ 59.2885, 70.8855,
68.3150

411.8471,
463.6531, 473.2396

■ 43.0927, 52.2488,
49.6858

■ 102.9091,
120.4707, 118.4611

■ 30.1527, 37.2034,
34.7943

131.0645,
152.1879, 150.8151

■ 20.1031, 25.3650,
23.2222

163.9373,
189.0341, 188.5811

■ 12.5787, 16.3492,
14.5508

201.8926,
231.3936, 232.1775

■ 7.2141, 9.7716,
8.3617

245.2959,
279.6509, 282.0231

■ 3.6439, 5.2478,
4.2362

294.5125,

■ 1.5027, 2.3934,

334.1903, 338.5363

1.7558

349.9078,
395.3962, 402.1356

■ 0.3277, 0.8225,
0.3985

■ 0.0000, 0.0000,
0.0000

■ 59.2885, 70.8855,
68.3150

■ 59.2885, 70.8855,
68.3150

■ 52.6844, 67.6540,
60.2784

■ 66.9142, 74.6330,
77.0605

■ 47.0507, 64.9066,
52.9282

■ 75.5981, 78.9092,
86.5273

■ 42.3403, 62.6213,
46.2474

■ 85.3821, 83.7372,
96.7335

■ 38.4999, 60.7710,
40.2167

■ 87.3106, 84.5213,
106.3202

■ 35.4703, 59.3256,
34.8156

■ 33.1845, 58.2509,
30.0227

■ 31.5638, 57.5068,
25.8146

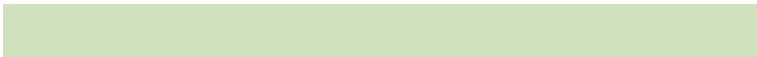
■ 30.4909, 57.0334,
22.1656

■ 30.3784, 56.9844,
21.7562

Harmonies

Analogous

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



61.8416, 70.8855, 58.8021



59.2885, 70.8855, 68.3150



58.8473, 70.8855, 81.3367

Triad

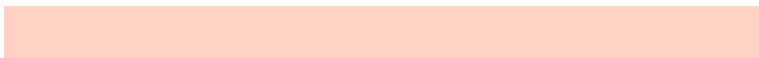
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.2885, 70.8855, 68.3150



68.8099, 70.8855, 105.6318



74.6280, 70.8855, 62.0023

Complementary

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



59.2885, 70.8855, 68.3150



61.5074, 56.4308, 68.6265

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.



76.6882, 70.8855, 73.1718



59.2885, 70.8855, 68.3150



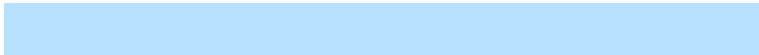
73.2280, 70.8855, 99.0415

Square

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



59.2885, 70.8855, 68.3150



64.2027, 70.8855, 103.9404



76.1643, 70.8855, 86.7854



70.6492, 70.8855, 55.4623

Rectangle

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



59.2885, 70.8855, 68.3150



59.7889, 70.8855, 90.4447



76.1643, 70.8855, 86.7854



75.5761, 70.8855, 65.2841

Sweetspot

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



59.2905, 70.8885, 68.3166



88.2987, 96.6749, 101.5656



63.5677, 73.3426, 57.2616



18.7487, 20.6182, 21.5727



0.0000, 0.0000, 0.0000



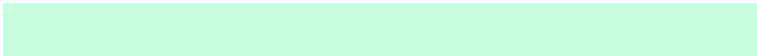
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2905, 70.8885, 68.3166



71.8362, 88.5908, 82.6058



62.0172, 71.9792, 82.6755



14.4526, 16.1944, 16.6479



17.4265, 32.6027, 12.7460



1.3338, 2.4277, 1.1846

Inverse Universe

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



61.5074, 56.4308, 68.6265



75.2140, 66.5599, 83.0756



59.0450, 55.4459, 55.6596



14.7121, 14.5020, 16.6844



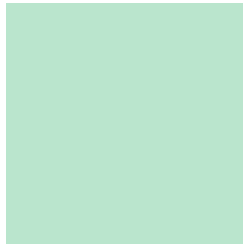
20.7576, 10.4373, 12.8845



1.5805, 0.7899, 1.1973

Previews

White Background



This preview shows how the XYZ color 59.2885, 70.8855, 68.3150 looks on a white background.

Color Contrast Check

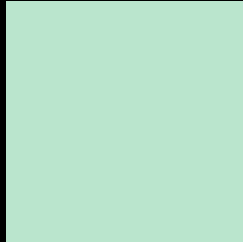
Large Text (above 18pt) WCAG AA × Fail

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 59.2885, 70.8855, 68.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

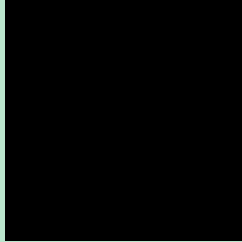
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

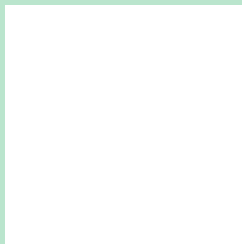
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2885, 70.8855, 68.3150

Background



This preview shows how black text looks on a background with the XYZ color 59.2885, 70.8855, 68.3150.



This preview shows how white text looks on a background with the XYZ color 59.2885, 70.8855,

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

59.2885, 70.8855, 68.3150

Protanopia

67.0588, 70.5972, 64.1251

Deuteranopia

71.7650, 70.2467, 70.0981



Tritanopia

64.6750, 71.0596, 94.3115

Trichromacy



Original Color

59.2885, 70.8855, 68.3150

Protanomaly

63.8153, 70.4566, 65.4944

Deuteranomaly

66.5808, 70.2265, 69.7204

Tritanomaly

62.5744, 70.9970, 84.5345

Monochromacy



Original Color

59.2885, 70.8855, 68.3150

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5930, 68.0127, 70.8542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2885, 70.8855, 68.3150 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, 229, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 229, 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(186, 229, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 229, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.2885, 70.8855, 68.3150 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, 229, 205) }
```


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

```
.border{ border-color:rgb(186, 229, 205) }
```

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

Here you see how a box with a 4 pixel rgb(186, 229, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 229, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 229, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 229,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2885, 70.8855, 68.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 229, 205) }
```

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

```
.background{ background-color: rgb(186,  
229, 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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