

Converting Colors

XYZ(58.1873, 69.4396, 70.9600)

Have a look what the booklet for
XYZ(58.1873, 69.4396, 70.9600)
contains.

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Color

**XYZ(58.0338, 69.3654,
70.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E3D1
RGB	181, 227, 209
RGB Percent	71%, 89%, 82%
CMY	0.2902, 0.1098, 0.1804
CMYK	0.20, 0.00, 0.08, 0.11
HSL	157°, 45%, 80%
HSV	157°, 20%, 89%
XYZ	58.0338, 69.3654, 70.6518
YIQ	211.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

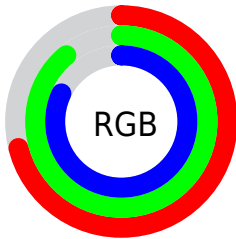
Format	Color
RYB	181, 210, 227
Decimal	11920337
CIELab	86.68, -18.43, 3.89
CIELCh	87, 18.833, 168.066
Yxy	69.3654, 0.2930, 0.3502
Android (android.graphics.Color)	4290110417 (0xFFB5E3D1)
YUV	211.1940, -1.0816, -26.4801
Hunter-Lab	83.2859, -21.3711, 8.0041

Details

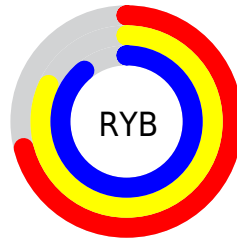
The XYZ color **58.0338, 69.3654, 70.6518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.5137, 53.5040, 61.2792**, and the grayscale version is **62.0639, 65.2960, 71.1074**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.4213, 36.3836, 36.4824** is the 20% darker color. If you saturate the color by 10%, you get **52.0695, 66.4161, 64.7912**, and if you desaturate by 10%, it is **64.9306, 72.7921, 76.8792**.

Distribution



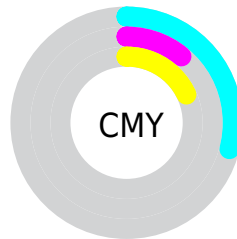
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0338, 69.3654, 70.6518 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 58.0338, 69.3654, 70.6518 by changing the saturation by 10% instead.

■ 58.0338, 69.3654,
70.6518

■ 58.0338, 69.3654,
70.6518

407.2637,
458.3187, 481.6861

■ 42.0792, 51.0093,
51.5780

■ 101.0948,
118.3033, 121.8276

■ 29.3547, 36.2160,
36.2889

128.9318,
149.6540, 154.7667

■ 19.4949, 24.6011,
24.3659

161.4604,
186.1050, 193.1647

■ 12.1346, 15.7801,
15.3906

199.0459,
228.0407, 237.4400

■ 6.9082, 9.3687,
8.9443

242.0536,
275.8455, 288.0113

■ 3.4506, 4.9824,
4.6086

290.8489,

■ 1.3963, 2.2370,

329.9039, 345.2970

1.9648

345.7971,
390.6001, 409.7158

■ 0.2536, 0.7400,
0.5335

■ 0.0000, 0.0000,
0.0000

■ 58.0338, 69.3654,
70.6518

■ 58.0338, 69.3654,
70.6518

■ 52.0695, 66.4161,
64.7912

■ 64.9306, 72.7921,
76.8792

■ 46.9888, 63.9136,
59.2855

■ 72.7942, 76.7080,
83.4756

■ 42.7474, 61.8368,
54.1288

■ 81.6641, 81.1355,
90.4493

■ 39.2944, 60.1597,
49.3134

■ 85.1211, 82.7651,
97.5047

■ 36.5732, 58.8532,
44.8309

■ 86.5071, 83.3194,
104.8029

■ 34.5191, 57.8842,
40.6726

■ 86.7604, 83.4207,
106.1368

■ 33.0554, 57.2132,
36.8290

■ 32.0700, 56.7806,
33.3778

Harmonies

Analogous

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



59.8652, 69.3654, 60.5379



58.0338, 69.3654, 70.6518



58.2480, 69.3654, 83.2507

Triad

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



58.0338, 69.3654, 70.6518



68.5741, 69.3654, 100.8368



71.7153, 69.3654, 58.9785

Complementary

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



58.0338, 69.3654, 70.6518



58.5137, 53.5040, 61.2792

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.



74.2587, 69.3654, 68.2967



58.0338, 69.3654, 70.6518



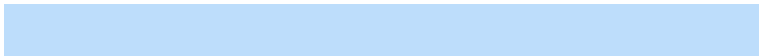
72.3906, 69.3654, 92.8064

Square

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



58.0338, 69.3654, 70.6518



64.2047, 69.3654, 101.6479



74.5112, 69.3654, 80.6217



67.6854, 69.3654, 54.3148

Rectangle

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



58.0338, 69.3654, 70.6518



59.5234, 69.3654, 91.3838



74.5112, 69.3654, 80.6217



72.7800, 69.3654, 61.6198

Sweetspot

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



58.0357, 69.3683, 70.6534



88.6942, 96.8331, 103.6487



59.4714, 70.4744, 54.1856



18.8422, 20.6556, 22.0650



0.0000, 0.0000, 0.0000



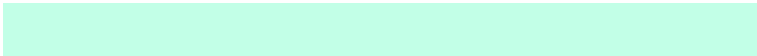
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0357, 69.3683, 70.6534



72.3877, 88.7352, 88.9504



59.1511, 67.8280, 82.6510



14.5560, 16.2358, 17.1926



18.7613, 33.1366, 19.7751



1.4317, 2.4668, 1.6999

Inverse Universe

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



58.5137, 53.5040, 61.2792



73.1095, 64.8035, 74.8136



57.4960, 54.6184, 51.2292



14.6094, 14.4609, 16.1433



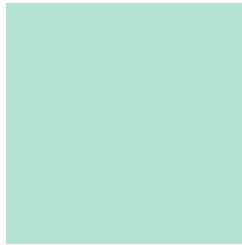
19.5760, 9.9646, 6.6620



1.4911, 0.7542, 0.7269

Previews

White Background



This preview shows how the XYZ color 58.0338, 69.3654, 70.6518 looks on a white background.

Color Contrast Check

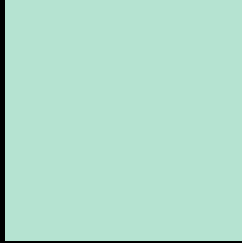
Large Text (above 18pt) WCAG AA × Fail

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 58.0338, 69.3654, 70.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

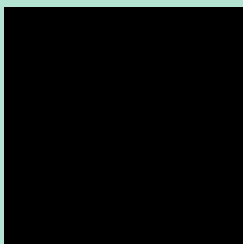
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

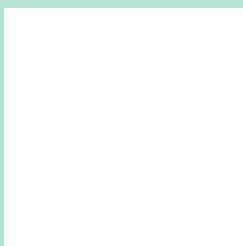
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0338, 69.3654, 70.6518

Background



This preview shows how black text looks on a background with the XYZ color 58.0338, 69.3654, 70.6518.

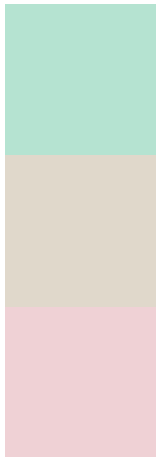


This preview shows how white text looks on a background with the XYZ color 58.0338, 69.3654,

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

58.0338, 69.3654, 70.6518

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

70.4073, 68.7557, 72.5111



Tritanopia

62.3430, 69.0986, 92.4896

Trichromacy



Original Color

58.0338, 69.3654, 70.6518

Protanomaly

62.6251, 69.0041, 67.7760

Deuteranomaly

65.3530, 68.7706, 72.1169

Tritanomaly

60.8061, 69.2827, 84.2968

Monochromacy



Original Color

58.0338, 69.3654, 70.6518

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2651, 66.5582, 70.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0338, 69.3654, 70.6518 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, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 209)  
}
```

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, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.0338, 69.3654, 70.6518 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, 227, 209) }
```


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

```
.border{ border-color:rgb(181, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0338, 69.3654, 70.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 209) }
```

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

```
.background{ background-color: rgb(181,  
227, 209) }
```

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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