

Converting Colors

XYZ(58.8451, 69.2507, 76.4634)

Have a look what the booklet for
XYZ(58.8451, 69.2507, 76.4634)
contains.

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Color

**XYZ(58.9073, 69.2784,
76.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2DA
RGB	181, 226, 218
RGB Percent	71%, 89%, 85%
CMY	0.2902, 0.1137, 0.1451
CMYK	0.20, 0.00, 0.04, 0.11
HSL	169°, 44%, 80%
HSV	169°, 20%, 89%
XYZ	58.9073, 69.2784, 76.5970
YIQ	211.6330, -24.2520, -12.0280

Conversions

Conversions Part 2

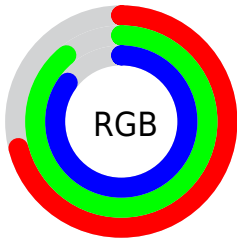
Format	Color
RYB	181, 206, 226
Decimal	11920090
CIELab	86.64, -16.12, -0.91
CIELCh	87, 16.148, 183.217
Yxy	69.2784, 0.2877, 0.3383
Android (android.graphics.Color)	4290110170 (0xFFB5E2DA)
YUV	211.6330, 3.1389, -26.8651
Hunter-Lab	83.2336, -19.3283, 3.7010

Details

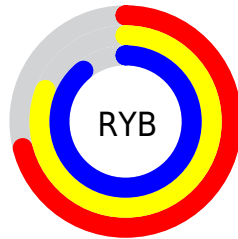
The XYZ color **58.9073, 69.2784, 76.5970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0757, 52.8925, 55.3481**, and the grayscale version is **62.3287, 65.5746, 71.4108**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.9262, 36.2822, 40.0762** is the 20% darker color. If you saturate the color by 10%, you get **53.5127, 66.5593, 73.6334**, and if you desaturate by 10%, it is **65.1783, 72.4515, 79.6711**.

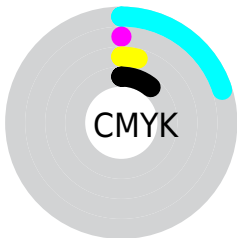
Distribution



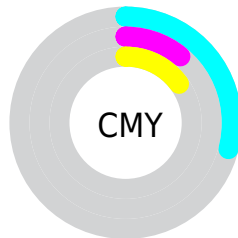
- Red (71%)
- Green (89%)
- Blue (85%)



- Red (71%)
- Yellow (81%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9073, 69.2784, 76.5970 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 58.9073, 69.2784, 76.5970 by changing the saturation by 10% instead.

■ 58.9073, 69.2784,
76.5970

■ 58.9073, 69.2784,
76.5970

410.4579,
458.0123, 502.7900

■ 42.7846, 50.9385,
56.4126

■ 102.3583,
118.1791, 130.3383

■ 29.9099, 36.1596,
40.1276

130.4173,
149.5087, 164.7322

■ 19.9180, 24.5575,
27.3235

163.1858,
185.9370, 204.6997

■ 12.4433, 15.7477,
17.5818

201.0291,
227.8483, 250.6594

■ 7.1207, 9.3458,
10.4838

244.3127,
275.6271, 303.0297

■ 3.5847, 4.9674,
5.6111


293.4017,


■ 1.4700, 2.2282,


329.6578, 362.2292


2.5452


348.6617,
390.3247, 428.6765


 0.3053, 0.7353,
0.8639


 0.0000, 0.0000,
0.0000


 58.9073, 69.2784,
76.5970


 58.9073, 69.2784,
76.5970


 53.5127, 66.5593,
73.6334


 65.1783, 72.4515,
79.6711


 48.9470, 64.2641,
70.7733


 72.3583, 76.0900,
82.8533


 45.1673, 62.3728,
68.0156


 80.4858, 80.2153,
86.1474


 42.1245, 60.8598,
65.3576


 83.3001, 81.6002,
89.2608


 39.7637, 59.6970,
62.7962


 83.8845, 81.8340,
92.3382


 38.0224, 58.8521,
60.3280


 84.4821, 82.0730,
95.4850


 36.8262, 58.2869,
57.9490

 85.0930, 82.3173,
98.7018

 36.0469, 57.9352,
55.6528

 85.7172, 82.5670,
101.9889

 36.0407, 57.9324,
55.6329

 86.3548, 82.8221,
105.3467

Harmonies

Analogous

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



59.6178, 69.2784, 66.5046



58.9073, 69.2784, 76.5970



59.9972, 69.2784, 87.3193

Triad

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



58.9073, 69.2784, 76.5970



69.8764, 69.2784, 94.0604



69.1499, 69.2784, 58.4590

Complementary

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



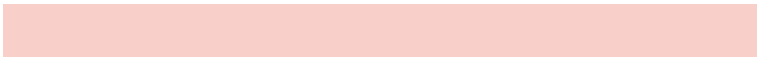
58.9073, 69.2784, 76.5970



57.0757, 52.8925, 55.3481

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.



72.0653, 69.2784, 64.6765



58.9073, 69.2784, 76.5970



72.4958, 69.2784, 85.1254

Square

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



58.9073, 69.2784, 76.5970



66.2524, 69.2784, 97.9849



73.3115, 69.2784, 74.2797



65.4433, 69.2784, 56.6366

Rectangle

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



58.9073, 69.2784, 76.5970



61.6233, 69.2784, 93.2089



73.3115, 69.2784, 74.2797



70.2595, 69.2784, 60.0732

Sweetspot

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



58.9093, 69.2813, 76.5986



89.2084, 97.0388, 106.3561



56.5873, 68.5826, 53.9726



18.9639, 20.7043, 22.7060



0.0000, 0.0000, 0.0000



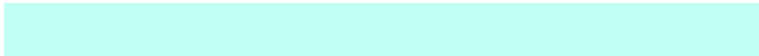
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9093, 69.2813, 76.5986



74.3037, 89.5016, 99.0401



56.2667, 62.2792, 81.0103



14.0065, 15.5283, 17.0694



20.6002, 33.0649, 31.9473



1.4556, 2.3030, 2.3605

Inverse Universe

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



57.0757, 52.8925, 55.3481



71.4686, 64.1471, 66.1723



59.2780, 58.6495, 51.9135



13.8063, 13.7401, 14.7499



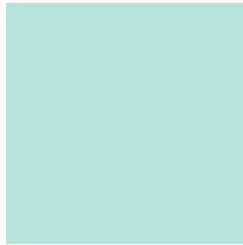
18.1444, 9.3247, 2.1600



1.2875, 0.6583, 0.3066

Previews

White Background



This preview shows how the XYZ color 58.9073, 69.2784, 76.5970 looks on a white background.

Color Contrast Check

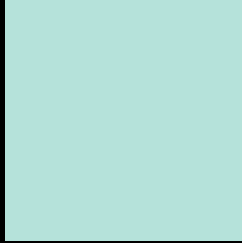
Large Text (above 18pt) WCAG AA × Fail

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 58.9073, 69.2784, 76.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

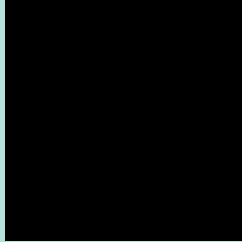
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

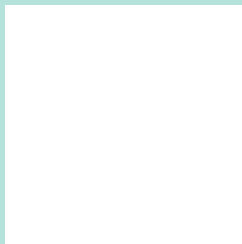
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9073, 69.2784, 76.5970

Background



This preview shows how black text looks on a background with the XYZ color 58.9073, 69.2784, 76.5970.

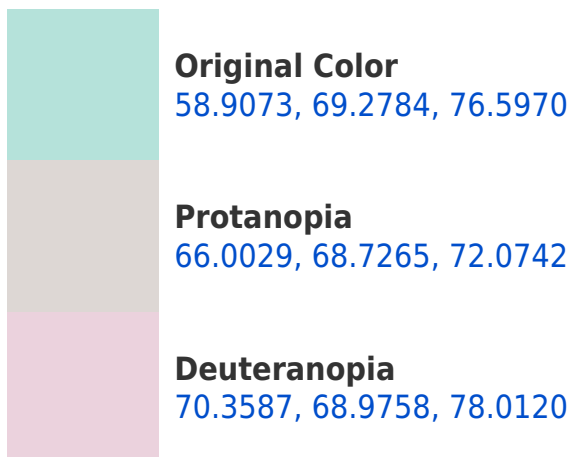


This preview shows how white text looks on a background with the XYZ color 58.9073, 69.2784,

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

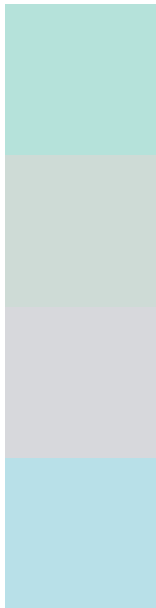




Tritanopia

62.1234, 69.3809, 92.5557

Trichromacy



Original Color

58.9073, 69.2784, 76.5970

Protanomaly

62.9227, 68.6399, 73.5508

Deuteranomaly

65.4985, 68.7261, 77.5235

Tritanomaly

60.9883, 69.3279, 86.5111

Monochromacy



Original Color

58.9073, 69.2784, 76.5970

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.0378, 66.8983, 73.3139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9073, 69.2784, 76.5970 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, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 218)  
}
```

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, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 58.9073, 69.2784, 76.5970 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, 226, 218) }
```


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

```
.border{ border-color:rgb(181, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9073, 69.2784, 76.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 218) }
```

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

```
.background{ background-color: rgb(181,  
226, 218) }
```

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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