

Converting Colors

XYZ(59.9050, 69.6292, 76.9321)

Have a look what the booklet for
XYZ(59.9050, 69.6292, 76.9321)
contains.

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Color

**XYZ(59.8588, 69.7690,
76.6415)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E2DA
RGB	185, 226, 218
RGB Percent	73%, 89%, 85%
CMY	0.2745, 0.1137, 0.1451
CMYK	0.18, 0.00, 0.04, 0.11
HSL	168°, 41%, 81%
HSV	168°, 18%, 89%
XYZ	59.8588, 69.7690, 76.6415
YIQ	212.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

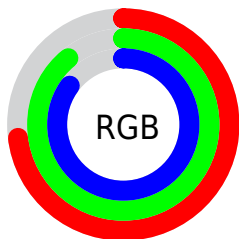
Format	Color
RYB	185, 208, 226
Decimal	12182234
CIELab	86.88, -14.88, -0.52
CIELCh	87, 14.891, 182.016
Yxy	69.7690, 0.2902, 0.3382
Android (android.graphics.Color)	4290372314 (0xFFB9E2DA)
YUV	212.8290, 2.5493, -24.4060
Hunter-Lab	83.5278, -18.2547, 4.0676

Details

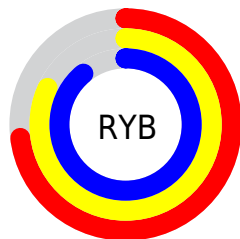
The XYZ color **59.8588, 69.7690, 76.6415** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3411, 54.7187, 57.9419**, and the grayscale version is **63.1272, 66.4147, 72.3256**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.5338, 36.5955, 40.1047** is the 20% darker color. If you saturate the color by 10%, you get **54.2649, 66.9529, 73.4074**, and if you desaturate by 10%, it is **66.3387, 73.0438, 80.0002**.

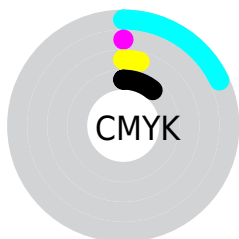
Distribution



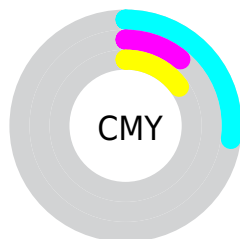
- Red (73%)
- Green (89%)
- Blue (85%)



- Red (73%)
- Yellow (82%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8588, 69.7690, 76.6415 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 59.8588, 69.7690, 76.6415 by changing the saturation by 10% instead.

■ 59.8588, 69.7690,
76.6415

■ 59.8588, 69.7690,
76.6415

413.9202,
459.7385, 502.9460

■ 43.5539, 51.3382,
56.4489

■ 103.7323,
118.8793, 130.4017

■ 30.5163, 36.4779,
40.1565

132.0316,
150.3276, 164.8063

■ 20.3808, 24.8035,
27.3459

165.0597,
186.8838, 204.7854

■ 12.7820, 15.9307,
17.5984

203.1820,
228.9325, 250.7574

■ 7.3546, 9.4751,
10.4956

246.7639,
276.8579, 303.1410

■ 3.7331, 5.0524,
5.6189

296.1706,

■ 1.5523, 2.2780,

331.0444, 362.3546

2.5498

351.7676,
391.8765, 428.8167

■ 0.3610, 0.7620,
0.8664

■ 0.0000, 0.0000,
0.0000

■ 59.8588, 69.7690,
76.6415

■ 59.8588, 69.7690,
76.6415

■ 54.2649, 66.9529,
73.4074

■ 66.3387, 73.0438,
80.0002

■ 49.5102, 64.5658,
70.2908


■ 73.7368, 76.7883,
83.4812


■ 45.5521, 62.5877,
67.2904


■ 82.0912, 81.0239,
87.0884


■ 42.3426, 60.9937,
64.4034


■ 83.5267, 81.6910,
90.4537


 39.8276, 59.7560,
61.6266


 84.1745, 81.9501,
93.8649


 37.9464, 58.8434,
58.9566


 84.8382, 82.2156,
97.3599

 36.6271, 58.2187,
56.3893

 85.5180, 82.4875,
100.9395

 35.7674, 57.8293,
53.9192

 86.2139, 82.7658,
104.6042

 35.6300, 57.7683,
53.4697

 86.4877, 82.8753,
106.0459

Harmonies

Analogous

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



60.5874, 69.7690, 67.3384



59.8588, 69.7690, 76.6415



60.8089, 69.7690, 86.5673

Triad

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



59.8588, 69.7690, 76.6415



69.9183, 69.7690, 93.3704



69.4975, 69.7690, 60.2934

Complementary

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



59.8588, 69.7690, 76.6415



58.3411, 54.7187, 57.9419

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.



72.1403, 69.7690, 66.2686



59.8588, 69.7690, 76.6415



72.3891, 69.7690, 85.3019

Square

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



59.8588, 69.7690, 76.6415



66.5486, 69.7690, 96.7353



73.2160, 69.7690, 75.2956



66.0787, 69.7690, 58.4060

Rectangle

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



59.8588, 69.7690, 76.6415



62.2864, 69.7690, 92.0655



73.2160, 69.7690, 75.2956



70.5102, 69.7690, 61.8632

Sweetspot

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



59.8608, 69.7719, 76.6431



90.1157, 97.5023, 106.5911



57.9988, 69.2623, 56.2121



19.1454, 20.7971, 22.7461



0.0000, 0.0000, 0.0000



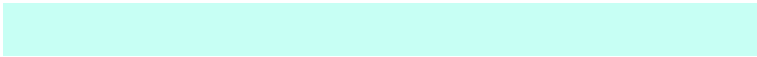
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8608, 69.7719, 76.6431



75.6234, 90.1831, 99.0491



57.7079, 63.7492, 81.2183



13.9959, 15.5241, 17.0135



20.3685, 32.9723, 30.7274



1.4415, 2.2973, 2.2863

Inverse Universe

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



58.3411, 54.7187, 57.9419



73.2546, 66.7065, 69.8895



60.1578, 59.7425, 54.2608



13.8160, 13.7440, 14.8014



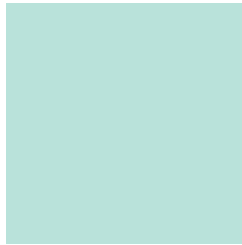
18.1869, 9.3418, 2.3840



1.2921, 0.6601, 0.3309

Previews

White Background



This preview shows how the XYZ color 59.8588, 69.7690, 76.6415 looks on a white background.

Color Contrast Check

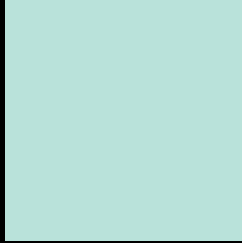
Large Text (above 18pt) WCAG AA × Fail

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 59.8588, 69.7690, 76.6415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

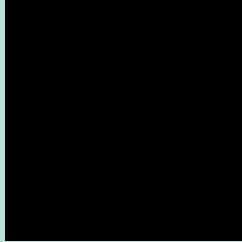
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

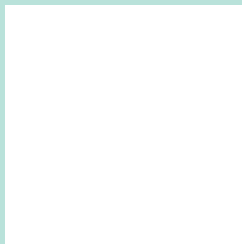
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8588, 69.7690, 76.6415

Background



This preview shows how black text looks on a background with the XYZ color 59.8588, 69.7690, 76.6415.

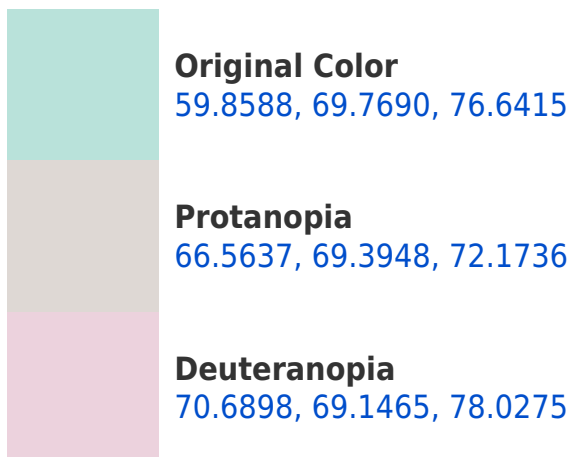


This preview shows how white text looks on a background with the XYZ color 59.8588, 69.7690,

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

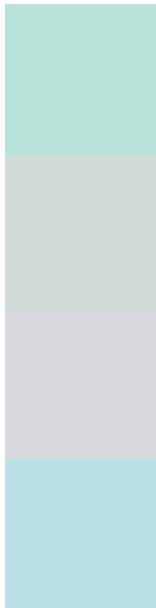




Tritanopia

63.1021, 69.8854, 92.6015

Trichromacy



Original Color

59.8588, 69.7690, 76.6415

Protanomaly

64.0253, 69.5967, 73.6774

Deuteranomaly

66.0894, 69.0308, 77.5511

Tritanomaly

61.9602, 69.8289, 86.5566

Monochromacy



Original Color

59.8588, 69.7690, 76.6415

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9657, 67.7456, 74.1002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8588, 69.7690, 76.6415 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(185, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.8588, 69.7690, 76.6415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

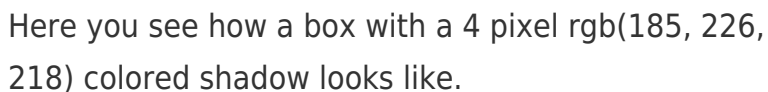
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 226, 218) }
```


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

```
.border{ border-color:rgb(185, 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(185, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 226, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 226, 218); box-shadow:4px 4px 4px 4px rgb(185, 226, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8588, 69.7690, 76.6415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 218) }
```

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

```
.background{ background-color: rgb(185,  
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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