

Converting Colors

XYZ(59.4131, 69.9727, 74.4846)

Have a look what the booklet for
XYZ(59.4131, 69.9727, 74.4846)
contains.

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Color

**XYZ(59.5020, 70.0348,
74.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E3D7
RGB	184, 227, 215
RGB Percent	72%, 89%, 84%
CMY	0.2784, 0.1098, 0.1569
CMYK	0.19, 0.00, 0.05, 0.11
HSL	163°, 43%, 81%
HSV	163°, 19%, 89%
XYZ	59.5020, 70.0348, 74.6720
YIQ	212.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

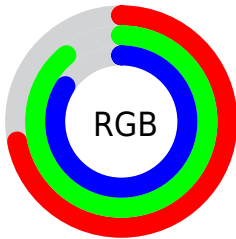
Format	Color
RYB	184, 209, 227
Decimal	12116951
CIELab	87.01, -16.30, 1.24
CIELCh	87, 16.345, 175.655
Yxy	70.0348, 0.2914, 0.3430
Android (android.graphics.Color)	4290307031 (0xFFB8E3D7)
YUV	212.7750, 1.0969, -25.2357
Hunter-Lab	83.6868, -19.5369, 5.6775

Details

The XYZ color **59.5020, 70.0348, 74.6720** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7853, 54.5992, 59.6679**, and the grayscale version is **63.1004, 66.3866, 72.2950**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.3036, 36.7889, 38.7615** is the 20% darker color. If you saturate the color by 10%, you get **53.6964, 67.1361, 70.2332**, and if you desaturate by 10%, it is **66.2157, 73.4018, 79.3209**.

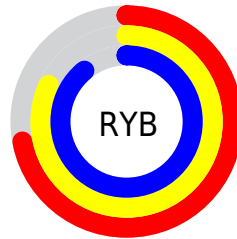
Distribution



Red (72%)

Green (89%)

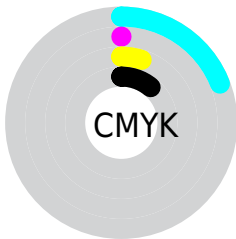
Blue (84%)



Red (72%)

Yellow (82%)

Blue (89%)

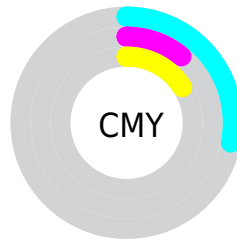


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (11%)



Cyan (28%)


Magenta (11%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5020, 70.0348, 74.6720 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 59.5020, 70.0348, 74.6720 by changing the saturation by 10% instead.


 59.5020, 70.0348,
74.6720

 59.5020, 70.0348,
74.6720

412.6239,
460.6722, 496.0147

 43.2653, 51.5549,
54.8441


 103.2174,
119.2584, 127.5908

 30.2887, 36.6504,
38.8792


131.4267,
150.7709, 161.5187

 20.2070, 24.9369,
26.3586


164.3577,
187.3963, 200.9838

 12.6547, 16.0301,
16.8640

202.3756,
229.5192, 246.4046

 7.2666, 9.5454,
9.9766

245.8459,
277.5238, 298.1995

 3.6772, 5.0986,
5.2781

295.1337,

 1.5212, 2.3052,

331.7945, 356.7871

2.3497

350.6047,
392.7159, 422.5860

■ 0.3402, 0.7765,
0.7589

■ 0.0000, 0.0000,
0.0000

■ 59.5020, 70.0348,
74.6720

■ 59.5020, 70.0348,
74.6720

■ 53.6964, 67.1361,
70.2332

■ 66.2157, 73.4018,
79.3209

■ 48.7511, 64.6753,
65.9959

■ 73.8706, 77.2485,
84.1788

■ 44.6226, 62.6321,
61.9578

■ 82.5055, 81.5966,
89.2509

■ 41.2617, 60.9811,
58.1147

■ 84.4901, 82.5126,
94.1816

■ 38.6130, 59.6937,
54.4619

■ 85.4499, 82.8965,
99.2361

■ 36.6141, 58.7379,
50.9947

■ 86.4430, 83.2938,
104.4655

■ 35.1909, 58.0755,
47.7075

■ 86.7604, 83.4207,
106.1368

■ 34.2295, 57.6478,
44.5930

■ 34.1390, 57.6082,
44.2732

Harmonies

Analogous

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



60.6793, 70.0348, 64.9847



59.5020, 70.0348, 74.6720



60.1572, 70.0348, 85.7384

Triad

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



59.5020, 70.0348, 74.6720



69.7995, 70.0348, 96.8506



70.7999, 70.0348, 60.1614

Complementary

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



59.5020, 70.0348, 74.6720



58.7853, 54.5992, 59.6679

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.



73.4145, 70.0348, 67.4998



59.5020, 70.0348, 74.6720



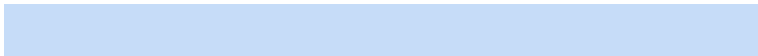
72.8215, 70.0348, 88.7606

Square

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



59.5020, 70.0348, 74.6720



66.0106, 70.0348, 99.2329



74.1680, 70.0348, 77.8622



67.1245, 70.0348, 57.1315

Rectangle

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



59.5020, 70.0348, 74.6720



61.5589, 70.0348, 92.3238



74.1680, 70.0348, 77.8622



71.8374, 70.0348, 62.1697

Sweetspot

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



59.5040, 70.0377, 74.6736



88.9634, 96.9408, 105.0659



58.9357, 70.1622, 55.7850



18.9059, 20.6811, 22.4004



0.0000, 0.0000, 0.0000



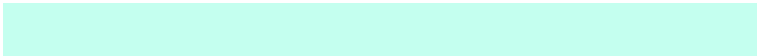
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5040, 70.0377, 74.6736



74.1414, 89.5129, 94.7447



58.6239, 65.7178, 82.2714



14.6268, 16.2642, 17.5657



19.9611, 33.6165, 26.0930



1.5141, 2.4998, 2.1337

Inverse Universe

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



58.7853, 54.5992, 59.6679



73.0338, 65.6879, 71.5947



59.4726, 58.0737, 53.4233



14.5415, 14.4338, 15.7859



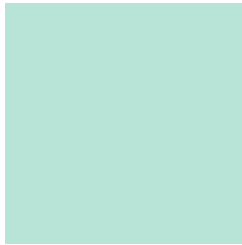
19.0470, 9.7530, 3.8763



1.4461, 0.7362, 0.4898

Previews

White Background



This preview shows how the XYZ color 59.5020, 70.0348, 74.6720 looks on a white background.

Color Contrast Check

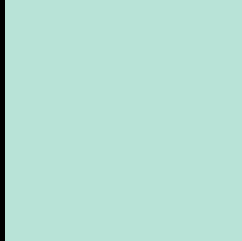
Large Text (above 18pt) WCAG AA × Fail

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 59.5020, 70.0348, 74.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

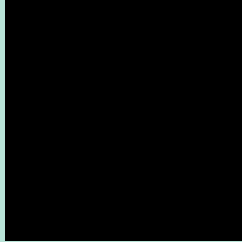
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

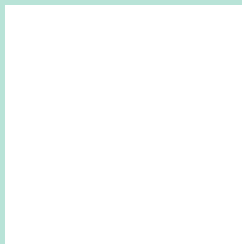
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5020, 70.0348, 74.6720

Background



This preview shows how black text looks on a background with the XYZ color 59.5020, 70.0348, 74.6720.



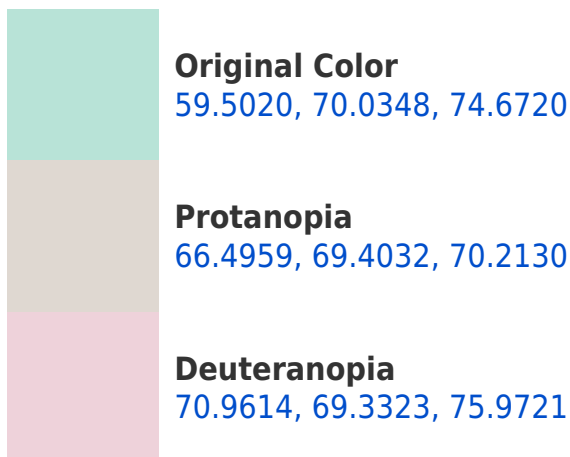
This preview shows how white text looks on a background with the XYZ color 59.5020, 70.0348,

74.6720.

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

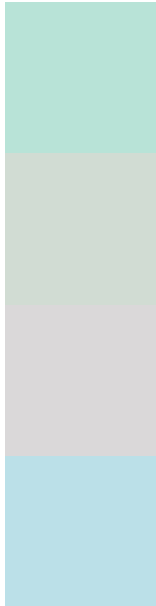




Tritanopia

63.2511, 69.9450, 93.3861

Trichromacy



Original Color

59.5020, 70.0348, 74.6720

Protanomaly

63.6456, 69.4449, 71.6777

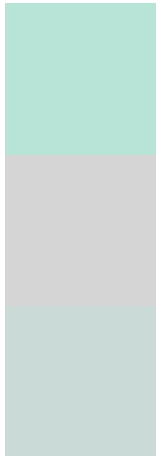
Deuteranomaly

65.9937, 69.0269, 75.4909

Tritanomaly

61.7147, 69.7023, 86.5451

Monochromacy



Original Color

59.5020, 70.0348, 74.6720

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5661, 67.5544, 73.4128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5020, 70.0348, 74.6720 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(184, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 227, 215)  
}
```

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(184, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 227, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.5020, 70.0348, 74.6720 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(184, 227, 215) }
```


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

```
.border{ border-color:rgb(184, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 227,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5020, 70.0348, 74.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 227, 215) }
```

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

```
.background{ background-color: rgb(184,  
227, 215) }
```

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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