

Converting Colors

XYZ(58.7997, 75.6678, 67.3995)

Have a look what the booklet for
XYZ(58.7997, 75.6678, 67.3995)
contains.

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Color

**XYZ(58.9106, 75.8328,
67.4094)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF1CA
RGB	171, 241, 202
RGB Percent	67%, 95%, 79%
CMY	0.3294, 0.0549, 0.2078
CMYK	0.29, 0.00, 0.16, 0.05
HSL	147°, 71%, 81%
HSV	147°, 29%, 95%
XYZ	58.9106, 75.8328, 67.4094
YIQ	215.6240, -29.2010, -26.9690

Conversions

Conversions Part 2

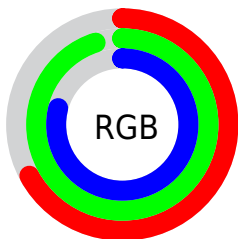
Format	Color
RYB	171, 220, 241
Decimal	11268554
CIELab	89.78, -29.65, 11.92
CIELCh	90, 31.957, 158.091
Yxy	75.8328, 0.2914, 0.3751
Android (android.graphics.Color)	4289458634 (0xFFABF1CA)
YUV	215.6240, -6.7166, -39.1352
Hunter-Lab	87.0820, -31.6391, 15.0616

Details

The XYZ color **58.9106, 75.8328, 67.4094** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.4741, 52.4817, 67.8133**, and the grayscale version is **65.0746, 68.4636, 74.5568**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.0304, 40.6179, 34.2743** is the 20% darker color. If you saturate the color by 10%, you get **52.6108, 72.7630, 59.1738**, and if you desaturate by 10%, it is **66.3100, 79.4576, 76.4219**.

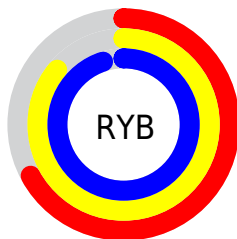
Distribution



Red (67%)

Green (95%)

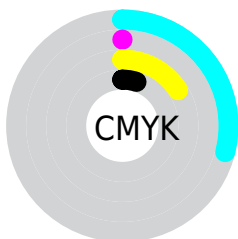
Blue (79%)



Red (67%)

Yellow (86%)

Blue (95%)

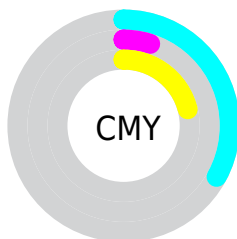


Cyan (29%)

Magenta (0%)

Yellow (16%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9106, 75.8328, 67.4094 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 58.9106, 75.8328, 67.4094 by changing the saturation by 10% instead.


 58.9106, 75.8328,
67.4094

 58.9106, 75.8328,
67.4094


410.4699,
480.7751, 469.9418

 42.7872, 56.2954,
48.9537


 102.3631,
127.4905, 117.1531

 29.9120, 40.4398,
34.2174


130.4229,
160.3797, 149.2781

 19.9196, 27.8816,
22.7820


163.1923,
198.4882, 186.7967

 12.4445, 18.2365,
14.2288

201.0366,
242.2005, 230.1274

 7.1215, 11.1199,
8.1394

244.3212,
291.9009, 279.6887

 3.5852, 6.1475,
4.0952


293.4113,


 1.4703, 2.9350,


347.9739, 335.8992


1.6777


348.6725,
410.8039, 399.1773


 0.3055, 1.0979,
0.3454


 0.0000, 0.0000,
0.0000


 58.9106, 75.8328,
67.4094


 58.9106, 75.8328,
67.4094

 52.6108, 72.7630,
59.1738

 66.3100, 79.4576,
76.4219


 47.3489, 70.2106,
51.6892

 74.8543, 83.6542,
86.2263

 43.0662, 68.1479,
44.9353

 84.5937, 88.4501,
96.8435

 39.6955, 66.5405,
38.8891

 90.7467, 91.3934,
107.4656

■ 37.1604, 65.3497,
33.5262

■ 35.3709, 64.5295,
28.8204

■ 34.1926, 64.0111,
24.7425

■ 34.0961, 63.9692,
24.3847

Harmonies

Analogous

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



63.1258, 75.8328, 52.9033



58.9106, 75.8328, 67.4094



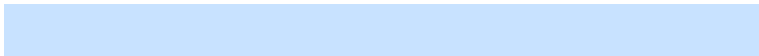
58.0895, 75.8328, 88.8297

Triad

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



58.9106, 75.8328, 67.4094



74.2309, 75.8328, 133.4262



84.6746, 75.8328, 58.5830

Complementary

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



58.9106, 75.8328, 67.4094



62.4741, 52.4817, 67.8133

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.



88.1465, 75.8328, 76.6097



58.9106, 75.8328, 67.4094



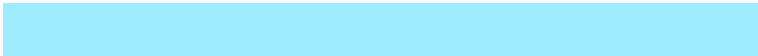
81.8363, 75.8328, 121.6565

Square

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



58.9106, 75.8328, 67.4094



66.5684, 75.8328, 129.7389



87.0716, 75.8328, 99.8464



77.8810, 75.8328, 48.4918

Rectangle

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



58.9106, 75.8328, 67.4094



59.5165, 75.8328, 104.7391



87.0716, 75.8328, 99.8464



86.2905, 75.8328, 63.7714

Sweetspot

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



58.9127, 75.8359, 67.4111



85.1140, 95.1078, 98.0440



65.5772, 79.6540, 50.4477



17.8966, 20.1990, 20.6250



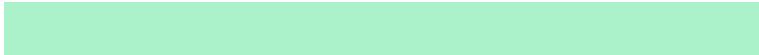
0.0000, 0.0000, 0.0000



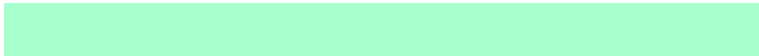
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9127, 75.8359, 67.4111



62.4860, 84.0210, 70.8550



63.4412, 77.6474, 91.2583



15.8567, 17.7727, 18.2685



18.5542, 34.7137, 13.5672



1.5928, 2.9076, 1.3881

Inverse Universe

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



62.4741, 52.4817, 67.8133



67.1579, 53.3725, 71.3740



58.6443, 50.9498, 47.6462



16.1415, 15.9063, 18.3015



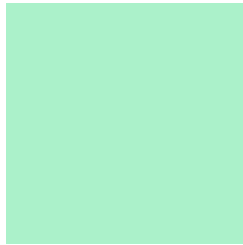
22.0844, 11.1062, 13.6270



1.8872, 0.9439, 1.3969

Previews

White Background



This preview shows how the XYZ color 58.9106, 75.8328, 67.4094 looks on a white background.

Color Contrast Check

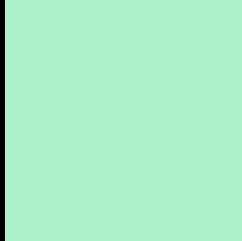
Large Text (above 18pt) WCAG AA × Fail

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 58.9106, 75.8328, 67.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

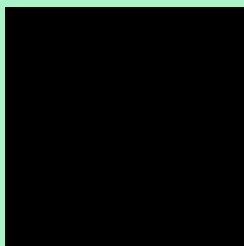
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

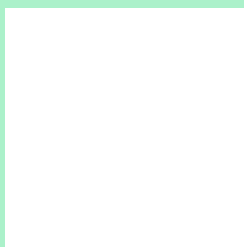
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9106, 75.8328, 67.4094

Background



This preview shows how black text looks on a background with the XYZ color 58.9106, 75.8328, 67.4094.



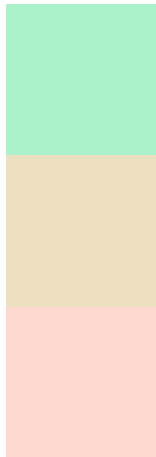
This preview shows how white text looks on a background with the XYZ color 58.9106, 75.8328,

67.4094.

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

58.9106, 75.8328, 67.4094

Protanopia

70.8734, 74.9944, 61.1920

Deuteranopia

76.5834, 75.0133, 69.4741



Tritanopia

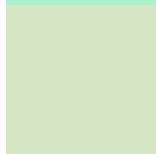
66.2085, 75.7612, 104.0623

Trichromacy



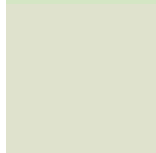
Original Color

58.9106, 75.8328, 67.4094



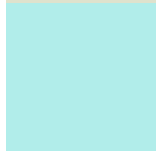
Protanomaly

65.4120, 74.5762, 63.1716



Deuteranomaly

68.6472, 74.4885, 68.5172



Tritanomaly

63.2669, 75.8560, 89.1491

Monochromacy



Original Color

58.9106, 75.8328, 67.4094



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.5025, 70.8329, 72.0059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9106, 75.8328, 67.4094 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(171, 241, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 202)  
}
```

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(171, 241, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.9106, 75.8328, 67.4094 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(171, 241, 202) }
```


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

```
.border{ border-color:rgb(171, 241, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 241, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 202);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9106, 75.8328, 67.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 202) }
```

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

```
.background{ background-color: rgb(171,  
241, 202) }
```

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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