

Converting Colors

XYZ(57.8753, 74.7254, 67.4547)

Have a look what the booklet for
XYZ(57.8753, 74.7254, 67.4547)
contains.

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Color

**XYZ(57.9692, 74.9093,
67.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F0CA
RGB	168, 240, 202
RGB Percent	66%, 94%, 79%
CMY	0.3412, 0.0588, 0.2078
CMYK	0.30, 0.00, 0.16, 0.06
HSL	148°, 71%, 80%
HSV	148°, 30%, 94%
XYZ	57.9692, 74.9093, 67.2808
YIQ	214.1400, -30.7140, -27.0820

Conversions

Conversions Part 2

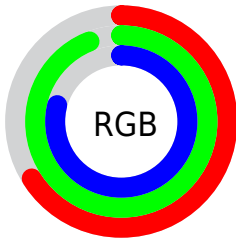
Format	Color
R _Y B	168, 217, 240
Decimal	11071690
CIE Lab	89.35, -30.07, 11.29
CIE LCh	89, 32.123, 159.424
Yxy	74.9093, 0.2896, 0.3742
Android (android.graphics.Color)	4289261770 (0xFFA8F0CA)
YUV	214.1400, -5.9850, -40.4648
Hunter-Lab	86.5502, -31.9078, 14.4953

Details

The XYZ color **57.9692, 74.9093, 67.2808** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0809, 50.9885, 65.0179**, and the grayscale version is **64.0663, 67.4027, 73.4015**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **29.4252, 39.9965, 34.1862** is the 20% darker color. If you saturate the color by 10%, you get **51.8850, 71.9411, 59.4862**, and if you desaturate by 10%, it is **65.1236, 78.4191, 75.7714**.

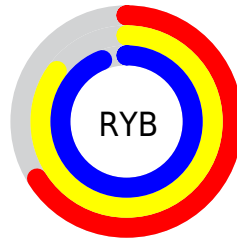
Distribution



Red (66%)

Green (94%)

Blue (79%)



Red (66%)

Yellow (85%)

Blue (94%)

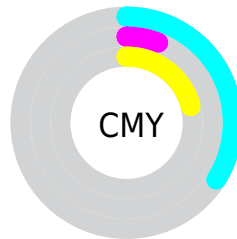


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (6%)



Cyan (34%)


Magenta (6%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9692, 74.9093, 67.2808 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 57.9692, 74.9093, 67.2808 by changing the saturation by 10% instead.


 57.9692, 74.9093,
67.2808

 57.9692, 74.9093,
67.2808


407.0269,
477.6058, 469.4723

 42.0271, 55.5386,
48.8498


 101.0012,
126.1840, 116.9671

 29.3137, 39.8331,
34.1356


128.8218,
158.8567, 149.0596

 19.4637, 27.4084,
22.7196


161.3326,
196.7322, 186.5430

 12.1118, 17.8802,
14.1832

198.8989,
240.1950, 229.8358

 6.8926, 10.8640,
8.1080

241.8862,
289.6293, 279.3566

 3.4408, 5.9755,
4.0754


290.6597,


 1.3909, 2.8302,

345.4196, 335.5239


1.6668


345.5848,
407.9503, 398.7563


 0.2497, 1.0437,
0.3378


 0.0000, 0.0000,
0.0000


 57.9692, 74.9093,
67.2808


 57.9692, 74.9093,
67.2808

 51.8850, 71.9411,
59.4862


 65.1236, 78.4191,
75.7714


 46.8100, 69.4772,
52.3646

 73.3929, 82.4870,
84.9703

 42.6863, 67.4902,
45.8991

 82.8266, 87.1404,
94.8955

 39.4470, 65.9459,
40.0698

 90.0788, 90.6539,
105.4045

■ 37.0162, 64.8057,
34.8559

■ 90.4515, 90.8030,
107.3672

■ 35.3039, 64.0235,
30.2350

■ 34.1608, 63.5227,
26.1814

Harmonies

Analogous

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



62.0280, 74.9093, 52.4947



57.9692, 74.9093, 67.2808



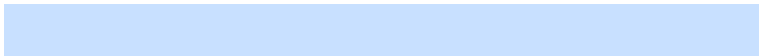
57.3091, 74.9093, 88.8564

Triad

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



57.9692, 74.9093, 67.2808



73.7019, 74.9093, 132.1340



83.5203, 74.9093, 57.0531

Complementary

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



57.9692, 74.9093, 67.2808



61.0809, 50.9885, 65.0179

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.



87.1694, 74.9093, 74.6810



57.9692, 74.9093, 67.2808



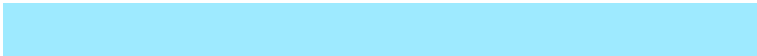
81.2322, 74.9093, 119.7654

Square

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



57.9692, 74.9093, 67.2808



66.0196, 74.9093, 129.1545



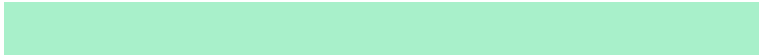
86.3026, 74.9093, 97.7367



76.6425, 74.9093, 47.3879

Rectangle

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



57.9692, 74.9093, 67.2808



58.8325, 74.9093, 104.7231



86.3026, 74.9093, 97.7367



85.1874, 74.9093, 62.0979

Sweetspot

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



57.9713, 74.9124, 67.2825



85.2156, 95.1484, 98.5788



63.7953, 78.3299, 48.8035



17.9215, 20.2090, 20.7565



0.0000, 0.0000, 0.0000



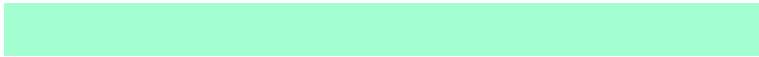
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9713, 74.9124, 67.2825



62.1126, 83.8106, 71.6458



62.6849, 76.7979, 92.1044



15.8766, 17.7807, 18.3732



18.7654, 34.7982, 14.6797



1.6110, 2.9148, 1.4840

Inverse Universe

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



61.0809, 50.9885, 65.0179



66.2125, 52.2614, 68.6548



57.2336, 49.4496, 44.7581



16.1214, 15.8983, 18.1955



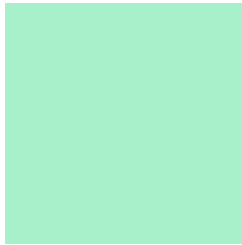
21.8246, 11.0023, 12.2590



1.8659, 0.9354, 1.2845

Previews

White Background



This preview shows how the XYZ color 57.9692, 74.9093, 67.2808 looks on a white background.

Color Contrast Check

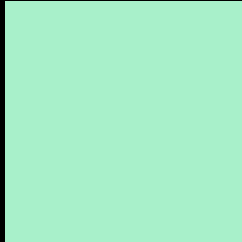
Large Text (above 18pt) WCAG AA × Fail

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 57.9692, 74.9093, 67.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

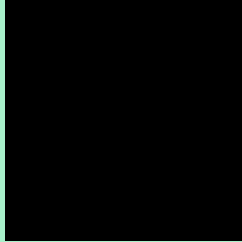
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9692, 74.9093, 67.2808

Background



This preview shows how black text looks on a background with the XYZ color 57.9692, 74.9093, 67.2808.



This preview shows how white text looks on a background with the XYZ color 57.9692, 74.9093, 67.2808.

67.2808.

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

57.9692, 74.9093, 67.2808

Protanopia

70.2743, 74.2878, 61.0872

Deuteranopia

75.6020, 74.1260, 69.3546



Tritanopia

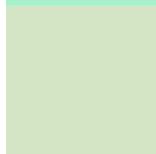
65.0697, 74.7711, 103.0982

Trichromacy



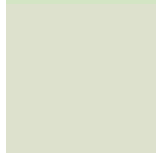
Original Color

57.9692, 74.9093, 67.2808



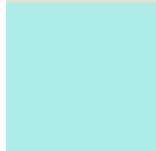
Protanomaly

64.8471, 73.8730, 63.0657



Deuteranomaly

67.7635, 73.6304, 68.3982



Tritanomaly

62.3023, 74.9301, 89.0212

Monochromacy



Original Color

57.9692, 74.9093, 67.2808



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.0465, 69.2988, 71.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9692, 74.9093, 67.2808 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(168, 240, 202)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 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(168, 240, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.9692, 74.9093, 67.2808 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(168, 240, 202) }
```


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

```
.border{ border-color:rgb(168, 240, 202) }
```

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

Here you see how a box with a 4 pixel rgb(168, 240, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 202);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9692, 74.9093, 67.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 202) }
```

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

```
.background{ background-color: rgb(168,  
240, 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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