

Converting Colors

XYZ(57.8225, 76.8809, 54.9719)

Have a look what the booklet for
XYZ(57.8225, 76.8809, 54.9719)
contains.

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Color

**XYZ(57.8225, 76.8809,
54.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF4B4
RGB	173, 244, 180
RGB Percent	68%, 96%, 71%
CMY	0.3216, 0.0431, 0.2941
CMYK	0.29, 0.00, 0.26, 0.04
HSL	126°, 76%, 82%
HSV	126°, 29%, 96%
XYZ	57.8225, 76.8809, 54.9719
YIQ	215.4750, -21.7720, -34.9560

Conversions

Conversions Part 2

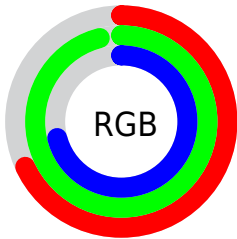
Format	Color
RYB	173, 238, 244
Decimal	11400372
CIELab	90.27, -34.38, 23.96
CIElCh	90, 41.909, 145.122
Yxy	76.8809, 0.3048, 0.4053
Android (android.graphics.Color)	4289590452 (0xFFADF4B4)
YUV	215.4750, -17.4892, -37.2506
Hunter-Lab	87.6818, -35.7297, 24.2055

Details

The XYZ color **57.8225, 76.8809, 54.9719** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.5405, 55.2364, 87.2260**, and the grayscale version is **65.0406, 68.4278, 74.5178**.

A 20% lighter version of the original color is **83.5334, 94.3991, 93.1751**, and **29.2088, 40.9949, 26.4520** is the 20% darker color. If you saturate the color by 10%, you get **50.8461, 73.5253, 43.8630**, and if you desaturate by 10%, it is **66.1438, 80.8931, 68.0029**.

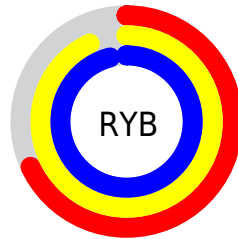
Distribution



Red (68%)

Green (96%)

Blue (71%)



Red (68%)

Yellow (93%)

Blue (96%)

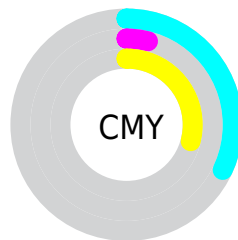


Cyan (29%)

Magenta (0%)

Yellow (26%)

Black (4%)



Cyan (32%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8225, 76.8809, 54.9719 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 57.8225, 76.8809, 54.9719 by changing the saturation by 10% instead.

■ 57.8225, 76.8809,
54.9719

■ 57.8225, 76.8809,
54.9719

406.4887,
484.3579, 423.0843

■ 41.9087, 57.1551,
38.9808

■ 100.7888,
128.9713, 98.9705

■ 29.2206, 41.1298,
26.4371

128.5720,
162.1048, 127.8151

■ 19.3929, 28.4205,
16.9222

161.0423,
200.4763, 161.7812

■ 12.0602, 18.6429,
10.0177

198.5651,
244.4702, 201.2875

■ 6.8572, 11.4125,
5.3049

241.5058,
294.4709, 246.7524

■ 3.4185, 6.3450,
2.3654


290.2298,


■ 1.3787, 3.0560,


350.8628, 298.5945


0.7675


345.1023,
414.0303, 357.2323


 0.2410, 1.1610,
0.0000


 0.0000, 0.0295,
0.0000


 57.8225, 76.8809,
54.9719


 57.8225, 76.8809,
54.9719


 50.8461, 73.5253,
43.8630


 66.1438, 80.8931,
68.0029


 45.1382, 70.7823,
34.5806

 75.8693, 85.5841,
83.0356

 40.6239, 68.6176,
27.0284

 87.0619, 90.9869,
100.1513

 37.2180, 66.9895,
21.0992

 91.6422, 93.1844,
107.7641

■ 34.8238, 65.8507,
16.6742

■ 33.3278, 65.1456,
13.6178

■ 32.5666, 64.7933,
11.7695

■ 32.5177, 64.7706,
11.6554

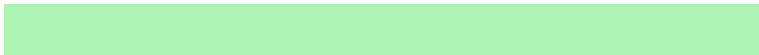
Harmonies

Analogous

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



64.8840, 76.8809, 41.7286



57.8225, 76.8809, 54.9719



54.8547, 76.8809, 78.9204

Triad

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



57.8225, 76.8809, 54.9719



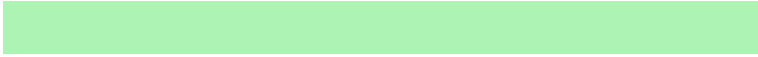
71.3808, 76.8809, 154.9808



92.7790, 76.8809, 61.6142

Complementary

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



57.8225, 76.8809, 54.9719



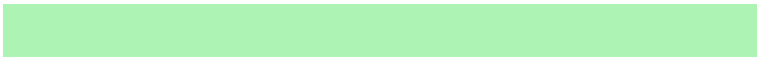
67.5405, 55.2364, 87.2260

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.



94.9351, 76.8809, 88.6900



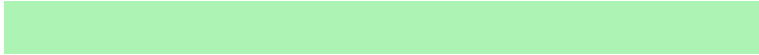
57.8225, 76.8809, 54.9719



81.9235, 76.8809, 147.2340

Square

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



57.8225, 76.8809, 54.9719



62.1932, 76.8809, 140.2314



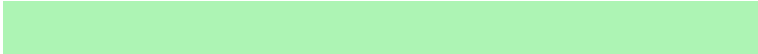
90.7937, 76.8809, 121.0413



85.1529, 76.8809, 44.8752

Rectangle

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



57.8225, 76.8809, 54.9719



55.3700, 76.8809, 99.6082



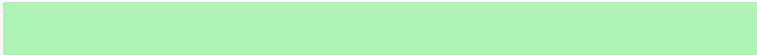
90.7937, 76.8809, 121.0413



94.1965, 76.8809, 69.6008

Sweetspot

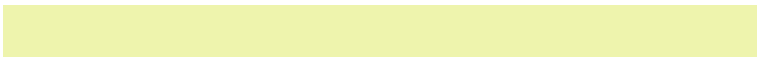
The Sweet Spot groups the original color and five complimentary colors.



57.8245, 76.8841, 54.9736



83.9512, 94.6427, 91.9209



75.1846, 85.9139, 52.1563



17.6118, 20.0851, 19.1254



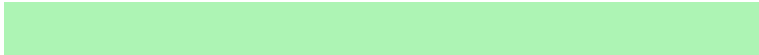
0.0000, 0.0000, 0.0000



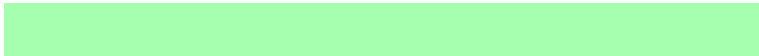
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8245, 76.8841, 54.9736



59.1272, 82.6775, 53.1680



61.7774, 78.4653, 75.7893



16.3486, 18.4986, 17.8540



17.7026, 35.2259, 6.4538



1.5777, 3.1047, 0.6822

Inverse Universe

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



67.5405, 55.2364, 87.2260



71.4961, 55.1078, 94.2186



62.9840, 53.4138, 63.2320



17.1391, 16.7385, 20.4789



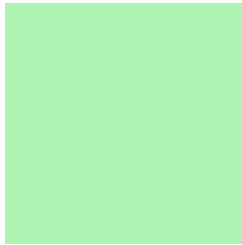
27.3351, 13.2775, 38.0685



2.4225, 1.1750, 3.4513

Previews

White Background



This preview shows how the XYZ color 57.8225, 76.8809, 54.9719 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 57.8225, 76.8809, 54.9719 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 57.8225, 76.8809, 54.9719

Background



This preview shows how black text looks on a background with the XYZ color 57.8225, 76.8809, 54.9719.

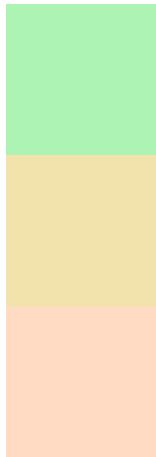


This preview shows how white text looks on a background with the XYZ color 57.8225, 76.8809,

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

57.8225, 76.8809, 54.9719

Protanopia

71.2607, 76.2485, 49.9913

Deuteranopia

76.4218, 75.8632, 62.2449



Tritanopia

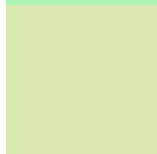
67.6460, 76.5023, 104.1296

Trichromacy



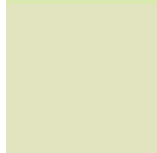
Original Color

57.8225, 76.8809, 54.9719



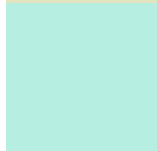
Protanomaly

65.4920, 76.1247, 51.7992



Deuteranomaly

68.0890, 75.2121, 59.6439



Tritanomaly

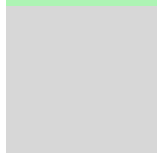
63.5934, 76.5851, 83.3822

Monochromacy



Original Color

57.8225, 76.8809, 54.9719



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.6764, 70.9363, 66.3185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8225, 76.8809, 54.9719 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(173, 244, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 244, 180)  
}
```

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(173, 244, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 244, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.8225, 76.8809, 54.9719 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(173, 244, 180) }
```


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

```
.border{ border-color:rgb(173, 244, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 244, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 244, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 244, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 244,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8225, 76.8809, 54.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 244, 180) }
```

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

```
.background{ background-color: rgb(173,  
244, 180) }
```

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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