

Converting Colors

XYZ(57.6902, 77.1720, 54.9877)

Have a look what the booklet for
XYZ(57.6902, 77.1720, 54.9877)
contains.

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Color

**XYZ(57.6852, 77.2580,
55.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF5B4
RGB	171, 245, 180
RGB Percent	67%, 96%, 71%
CMY	0.3294, 0.0392, 0.2941
CMYK	0.30, 0.00, 0.27, 0.04
HSL	127°, 79%, 82%
HSV	127°, 30%, 96%
XYZ	57.6852, 77.2580, 55.0520
YIQ	215.4640, -23.2390, -35.9030

Conversions

Conversions Part 2

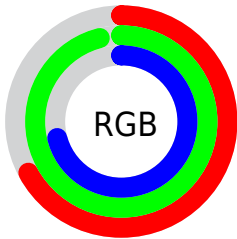
Format	Color
RYB	171, 237, 245
Decimal	11269556
CIELab	90.44, -35.46, 24.19
CIELCh	90, 42.927, 145.706
Yxy	77.2580, 0.3036, 0.4066
Android (android.graphics.Color)	4289459636 (0xFFABF5B4)
YUV	215.4640, -17.4838, -38.9949
Hunter-Lab	87.8965, -36.6720, 24.3926

Details

The XYZ color **57.6852, 77.2580, 55.0520** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.3620, 54.5961, 86.3476**, and the grayscale version is **65.0338, 68.4206, 74.5100**.

A 20% lighter version of the original color is **82.8952, 94.0701, 93.1452**, and **29.0164, 41.2117, 26.5040** is the 20% darker color. If you saturate the color by 10%, you get **50.8103, 73.9500, 44.1614**, and if you desaturate by 10%, it is **65.8937, 81.2186, 67.7851**.

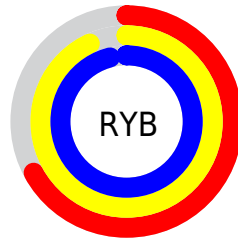
Distribution



Red (67%)

Green (96%)

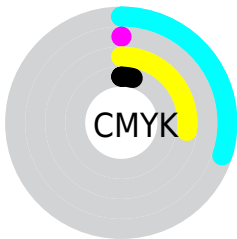
Blue (71%)



Red (67%)

Yellow (93%)

Blue (96%)

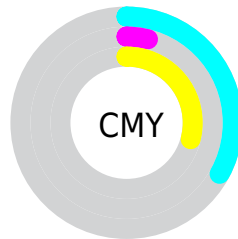


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (33%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6852, 77.2580, 55.0520 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 57.6852, 77.2580, 55.0520 by changing the saturation by 10% instead.

■ 57.6852, 77.2580,
55.0520

■ 57.6852, 77.2580,
55.0520

405.9847,
485.6432, 423.3965

■ 41.7979, 57.4646,
39.0445

■ 100.5899,
129.5036, 99.0891

■ 29.1335, 41.3784,
26.4862

128.3380,
162.7247, 127.9557

■ 19.3266, 28.6149,
16.9587

160.7704,
201.1904, 161.9457

■ 12.0119, 18.7897,
10.0434

198.2525,
245.2852, 201.4777

■ 6.8241, 11.5184,
5.3218

241.1496,
295.3935, 246.9703

■ 3.3977, 6.4167,
2.3752


289.8271,


■ 1.3674, 3.1001,

351.8997, 298.8419


0.7729


344.6504,
415.1881, 357.5111


 0.2328, 1.1842,
0.0000


 0.0000, 0.0487,
0.0000


 57.6852, 77.2580,
55.0520


 57.6852, 77.2580,
55.0520


 50.8103, 73.9500,
44.1614

 65.8937, 81.2186,
67.7851


 45.1926, 71.2504,
35.0231

 75.4949, 85.8539,
82.4351

 40.7570, 69.1247,
27.5472

 86.5518, 91.1969,
99.0785

 37.4183, 67.5310,
21.6335

 91.9439, 93.7878,
107.8646

■ 35.0793, 66.4215,
17.1712

■ 33.6254, 65.7399,
14.0348

■ 32.8857, 65.4005,
12.1052

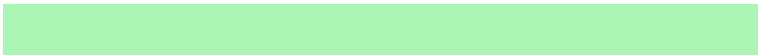
Harmonies

Analogous

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



64.8488, 77.2580, 41.3552



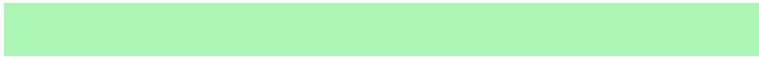
57.6852, 77.2580, 55.0520



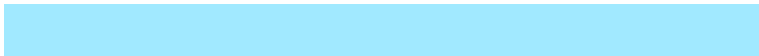
54.7356, 77.2580, 79.7784

Triad

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



57.6852, 77.2580, 55.0520



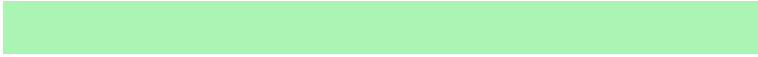
71.8991, 77.2580, 157.7835



93.6128, 77.2580, 61.0259

Complementary

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



57.6852, 77.2580, 55.0520



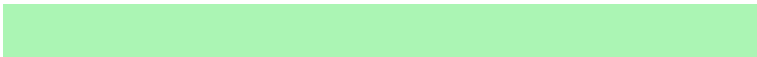
67.3620, 54.5961, 86.3476

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.



95.9626, 77.2580, 88.6181



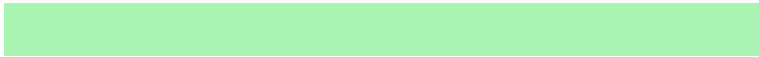
57.6852, 77.2580, 55.0520



82.7397, 77.2580, 149.3063

Square

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



57.6852, 77.2580, 55.0520



62.4196, 77.2580, 142.9210



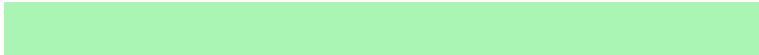
91.8102, 77.2580, 121.9564



85.6677, 77.2580, 44.1696

Rectangle

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



57.6852, 77.2580, 55.0520



55.3229, 77.2580, 101.1341



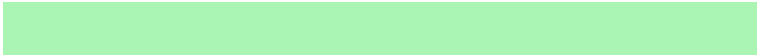
91.8102, 77.2580, 121.9564



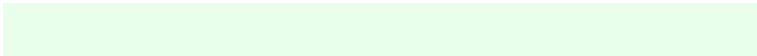
95.1143, 77.2580, 69.1313

Sweetspot

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



57.6872, 77.2612, 55.0537



84.0274, 94.6732, 92.3222



74.7202, 86.1446, 51.2181



17.6304, 20.0925, 19.2233



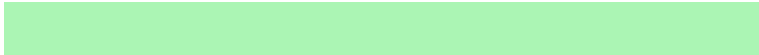
0.0000, 0.0000, 0.0000



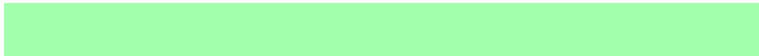
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6872, 77.2612, 55.0537



58.5809, 82.3979, 53.0483



61.9260, 78.9567, 77.3746



16.3642, 18.5048, 17.9362



17.7416, 35.2415, 6.6591



1.5851, 3.1077, 0.7211

Inverse Universe

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



67.3620, 54.5961, 86.3476



70.6767, 54.0471, 92.1633



62.5728, 52.6804, 61.1284



17.1218, 16.7316, 20.3877



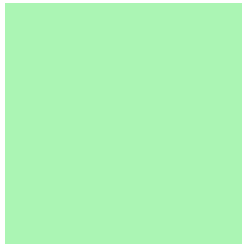
26.9427, 13.1205, 36.0023



2.3920, 1.1627, 3.2904

Previews

White Background



This preview shows how the XYZ color 57.6852, 77.2580, 55.0520 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 57.6852, 77.2580, 55.0520 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

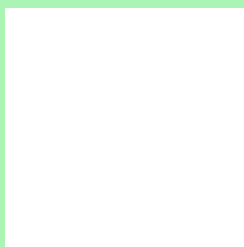
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6852, 77.2580, 55.0520

Background



This preview shows how black text looks on a background with the XYZ color 57.6852, 77.2580, 55.0520.

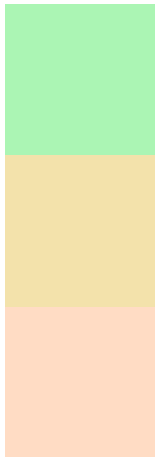


This preview shows how white text looks on a background with the XYZ color 57.6852, 77.2580,

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

57.6852, 77.2580, 55.0520

Protanopia

71.5092, 76.3877, 49.5034

Deuteranopia

76.7970, 76.4319, 62.9298



Tritanopia

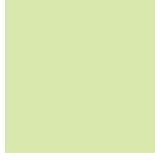
67.6053, 76.8867, 105.0434

Trichromacy



Original Color

57.6852, 77.2580, 55.0520



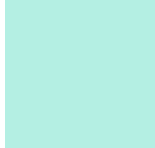
Protanomaly

65.3942, 76.0855, 51.2837



Deuteranomaly

68.0540, 75.6036, 59.7213



Tritanomaly

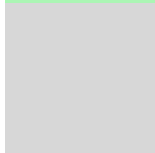
63.5540, 76.9824, 84.1825

Monochromacy



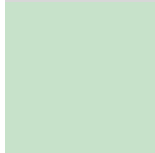
Original Color

57.6852, 77.2580, 55.0520



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.4102, 70.7991, 66.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6852, 77.2580, 55.0520 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, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 245, 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(171, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 245, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.6852, 77.2580, 55.0520 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, 245, 180) }
```


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

```
.border{ border-color:rgb(171, 245, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 245,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6852, 77.2580, 55.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 245, 180) }
```

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

```
.background{ background-color: rgb(171,  
245, 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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