

Converting Colors

XYZ(57.7207, 78.5555, 50.6461)

Have a look what the booklet for
XYZ(57.7207, 78.5555, 50.6461)
contains.

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Color

**XYZ(57.9313, 78.8457,
50.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF8AB
RGB	172, 248, 171
RGB Percent	67%, 97%, 67%
CMY	0.3255, 0.0274, 0.3294
CMYK	0.31, 0.00, 0.31, 0.03
HSL	119°, 85%, 82%
HSV	119°, 31%, 97%
XYZ	57.9313, 78.8457, 50.6935
YIQ	216.4980, -20.5790, -40.0590

Conversions

Conversions Part 2

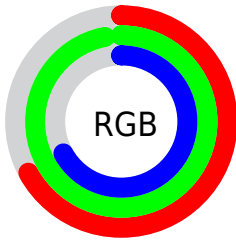
Format	Color
RYB	171, 248, 247
Decimal	11335851
CIELab	91.16, -37.98, 29.76
CIELCh	91, 48.252, 141.926
Yxy	78.8457, 0.3090, 0.4206
Android (android.graphics.Color)	4289525931 (0xFFACF8AB)
YUV	216.4980, -22.4305, -39.0247
Hunter-Lab	88.7951, -38.9353, 28.3077

Details

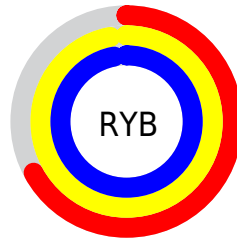
The XYZ color **57.9313, 78.8457, 50.6935** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69.8675, 55.6797, 95.8759**, and the grayscale version is **65.7701, 69.1953, 75.3536**.

A 20% lighter version of the original color is **81.9382, 93.7241, 86.4450**, and **29.2369, 42.3515, 23.7733** is the 20% darker color. If you saturate the color by 10%, you get **50.8994, 75.4709, 39.1612**, and if you desaturate by 10%, it is **66.4003, 82.9147, 64.6115**.

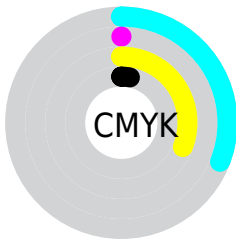
Distribution



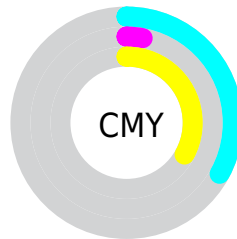
- Red (67%)
- Green (97%)
- Blue (67%)



- Red (67%)
- Yellow (97%)
- Blue (97%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (3%)



- Cyan (33%)
- Magenta (3%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9313, 78.8457, 50.6935 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 57.9313, 78.8457, 50.6935 by changing the saturation by 10% instead.

■ 57.9313, 78.8457,
50.6935

■ 57.9313, 78.8457,
50.6935

406.8879,
491.0342, 406.1843

■ 41.9965, 58.7690,
35.5897

■ 100.9463,
131.7416, 92.6084

■ 29.2896, 42.4272,
23.8303

128.7573,
165.3296, 120.2566

■ 19.4454, 29.4359,
14.9968

161.2576,
204.1901, 152.9234

■ 12.0985, 19.4108,
8.6705

198.8127,
248.7075, 191.0272

■ 6.8835, 11.9675,
4.4330

241.7879,
299.2662, 234.9867

■ 3.4350, 6.7216,
1.8658

290.5486,


■ 1.3878, 3.2886,


356.2506, 285.2203


0.4708


345.4602,
420.0452, 342.1467


 0.2475, 1.2842,
0.0000


 0.0000, 0.1289,
0.0000

 57.9313, 78.8457,
50.6935


 57.9313, 78.8457,
50.6935


 50.8994, 75.4709,
39.1612


 66.4003, 82.9147,
64.6115


 45.2194, 72.7424,
29.8759

 76.3735, 87.7029,
81.0329

 40.8062, 70.6217,
22.6926

 87.9212, 93.2465,
100.0743

 37.5628, 69.0624,
17.4474

 92.8590, 95.6179,
108.1697

■ 35.3781, 68.0113,
13.9522

■ 34.1198, 67.4049,
11.9813

■ 33.6092, 67.1587,
11.1915

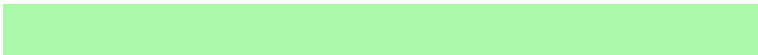
Harmonies

Analogous

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



66.5085, 78.8457, 37.3504



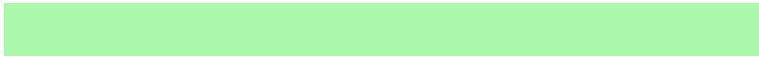
57.9313, 78.8457, 50.6935



54.0102, 78.8457, 76.7453

Triad

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



57.9313, 78.8457, 50.6935



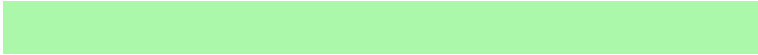
71.6902, 78.8457, 171.1447



98.9061, 78.8457, 63.1037

Complementary

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



57.9313, 78.8457, 50.6935



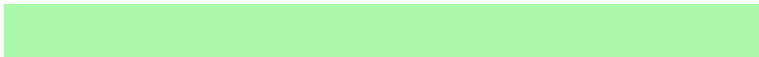
69.8675, 55.6797, 95.8759

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.



100.6805, 78.8457, 95.6468



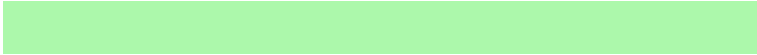
57.9313, 78.8457, 50.6935



84.0566, 78.8457, 164.5801

Square

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



57.9313, 78.8457, 50.6935



61.3707, 78.8457, 150.4284



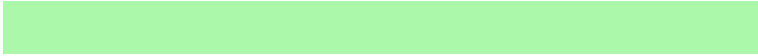
94.9903, 78.8457, 134.3651



90.3761, 78.8457, 43.0411

Rectangle

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



57.9313, 78.8457, 50.6935



54.2309, 78.8457, 100.5124



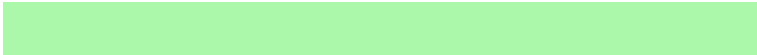
94.9903, 78.8457, 134.3651



100.3471, 78.8457, 72.6869

Sweetspot

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



57.9333, 78.8490, 50.6952



83.7243, 94.5631, 90.2209



79.2398, 89.2492, 51.5797



17.5564, 20.0656, 18.7111



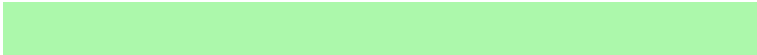
0.0000, 0.0000, 0.0000



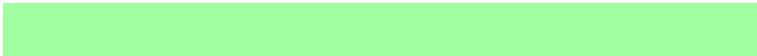
20.3446, 21.4041, 23.3091

Same Dimension

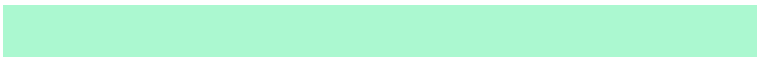
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9333, 78.8490, 50.6952



57.0368, 81.7490, 46.3296



61.7764, 80.3610, 72.0720



17.0382, 19.3200, 18.2935



18.1638, 36.2820, 6.0458



1.6894, 3.3640, 0.5603

Inverse Universe

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



69.8675, 55.6797, 95.8759



71.5251, 53.6163, 101.1869



65.0077, 53.7766, 68.4418



17.9695, 17.5124, 21.8184



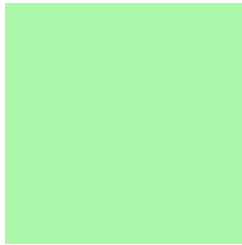
29.4640, 14.1319, 49.1484



2.7358, 1.3124, 4.5523

Previews

White Background



This preview shows how the XYZ color 57.9313, 78.8457, 50.6935 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 57.9313, 78.8457, 50.6935 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

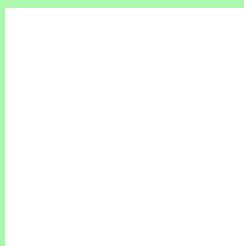
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9313, 78.8457, 50.6935

Background



This preview shows how black text looks on a background with the XYZ color 57.9313, 78.8457, 50.6935.

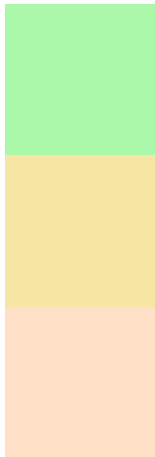


This preview shows how white text looks on a background with the XYZ color 57.9313, 78.8457,

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

57.9313, 78.8457, 50.6935

Protanopia

72.6362, 78.2758, 45.9307

Deuteranopia

77.7057, 78.0666, 63.7961



Tritanopia

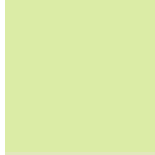
69.5694, 78.7355, 106.1385

Trichromacy



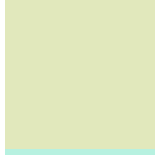
Original Color

57.9313, 78.8457, 50.6935



Protanomaly

66.0918, 77.8041, 47.6107



Deuteranomaly

68.9851, 77.3516, 58.8714



Tritanomaly

64.4383, 78.3597, 82.2497

Monochromacy



Original Color

57.9313, 78.8457, 50.6935



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.2561, 72.0744, 65.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9313, 78.8457, 50.6935 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(172, 248, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 248, 171)  
}
```

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(172, 248, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 248, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.9313, 78.8457, 50.6935 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(172, 248, 171) }
```


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

```
.border{ border-color:rgb(172, 248, 171) }
```

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

Here you see how a box with a 4 pixel rgb(172, 248, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 248, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 248, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 248,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9313, 78.8457, 50.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 248, 171) }
```

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

```
.background{ background-color: rgb(172,  
248, 171) }
```

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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