

Converting Colors

XYZ(57.6823, 81.4024, 59.6007)

Have a look what the booklet for
XYZ(57.6823, 81.4024, 59.6007)
contains.

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Color

**XYZ(57.5483, 81.2438,
59.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	99FEBB
RGB	153, 254, 187
RGB Percent	60%, 100%, 73%
CMY	0.4000, 0.0039, 0.2667
CMYK	0.40, 0.00, 0.26, 0.00
HSL	140°, 98%, 80%
HSV	140°, 40%, 100%
XYZ	57.5483, 81.2438, 59.6622
YIQ	216.1630, -38.6890, -42.2490

Conversions

Conversions Part 2

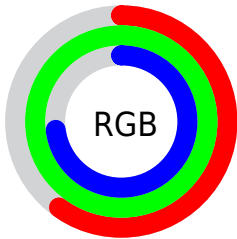
Format	Color
RYB	153, 229, 254
Decimal	10092219
CIELab	92.24, -43.56, 22.96
CIELCh	92, 49.239, 152.205
Yxy	81.2438, 0.2900, 0.4094
Android (android.graphics.Color)	4288282299 (0xFF99FEBB)
YUV	216.1630, -14.3774, -55.3940
Hunter-Lab	90.1353, -43.7708, 23.8496

Details

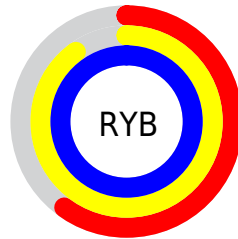
The XYZ color **57.5483, 81.2438, 59.6622** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1852, 49.0223, 73.7398**, and the grayscale version is **65.4969, 68.9078, 75.0406**.

A 20% lighter version of the original color is **78.8016, 91.8399, 98.3676**, and **29.1991, 44.1951, 29.5458** is the 20% darker color. If you saturate the color by 10%, you get **51.5557, 78.3531, 50.5122**, and if you desaturate by 10%, it is **64.7773, 84.7519, 69.9785**.

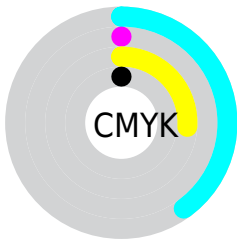
Distribution



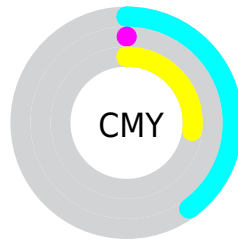
- Red (60%)
- Green (100%)
- Blue (73%)



- Red (60%)
- Yellow (90%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5483, 81.2438, 59.6622 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 57.5483, 81.2438, 59.6622 by changing the saturation by 10% instead.

 57.5483, 81.2438,
59.6622


 57.5483, 81.2438,
59.6622


405.4817,
499.1147, 441.1216

 41.6875, 60.7424,
42.7229


 100.3915,
135.1130, 105.8781

 29.0467, 44.0173,
29.3380


 128.1047,
169.2497, 135.9917

 19.2606, 30.6841,
19.0889


160.4992,
208.7002, 171.3339

 11.9639, 20.3584,
11.5570

197.9407,
253.8490, 212.3231

 6.7911, 12.6559,
6.3240

240.7943,
305.0804, 259.3780

 3.3770, 7.1920,
2.9711

289.4254,

 1.3561, 3.5825,

362.7789, 312.9170

1.0799

344.1994,
427.3289, 373.3586

0.2246, 1.4429,
0.0000

0.0000, 0.2480,
0.0000

57.5483, 81.2438,
59.6622

57.5483, 81.2438,
59.6622

51.5557, 78.3531,
50.5122

64.7773, 84.7519,
69.9785

46.7204, 76.0332,
42.4815

73.3027, 88.9008,
81.4949

42.9640, 74.2467,
35.5281

83.1882, 93.7249,
94.2506

40.1949, 72.9474,
29.6048

94.4916, 99.2532,
108.2815

■ 38.3051, 72.0806,
24.6610

94.7334, 99.3667,
108.7945

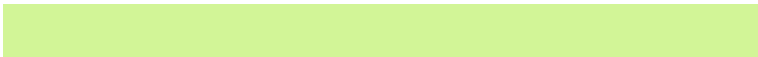
■ 37.1266, 71.5609,
20.6394

■ 37.1032, 71.5507,
20.5551

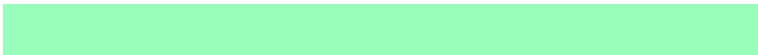
Harmonies

Analogous

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



64.9090, 81.2438, 41.4565



57.5483, 81.2438, 59.6622



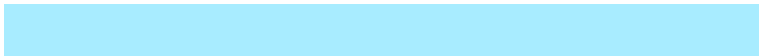
55.2750, 81.2438, 91.1819

Triad

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



57.5483, 81.2438, 59.6622



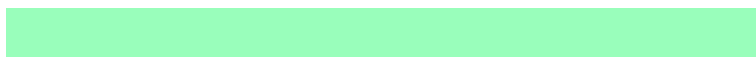
78.1642, 81.2438, 178.4962



99.8094, 81.2438, 56.1454

Complementary

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



57.5483, 81.2438, 59.6622



65.1852, 49.0223, 73.7398

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.



104.3174, 81.2438, 85.7942



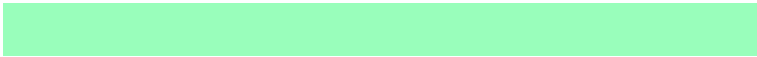
57.5483, 81.2438, 59.6622



90.9963, 81.2438, 161.9186

Square

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



57.5483, 81.2438, 59.6622



66.3709, 81.2438, 165.9830



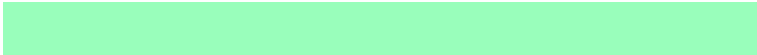
100.9297, 81.2438, 125.2935



89.1908, 81.2438, 39.8524

Rectangle

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



57.5483, 81.2438, 59.6622



56.7239, 81.2438, 117.6485



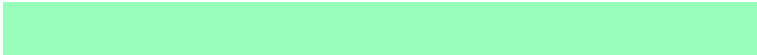
100.9297, 81.2438, 125.2935



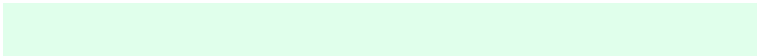
102.1392, 81.2438, 64.5499

Sweetspot

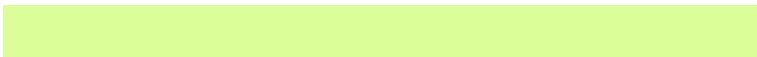
The Sweet Spot groups the original color and five complimentary colors.



57.5504, 81.2472, 59.6640



81.5768, 93.4122, 92.1016



70.8106, 88.4550, 43.4792



17.1736, 19.8538, 19.3462



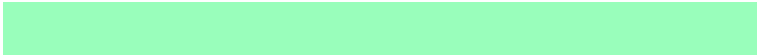
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.5504, 81.2472, 59.6640



52.9906, 79.5224, 52.5004



63.8916, 83.7836, 93.0563



18.0238, 20.2691, 20.4284



19.6216, 37.7453, 11.1588



1.9590, 3.6945, 1.3419

Inverse Universe

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



65.1852, 49.0223, 73.7398



61.6845, 42.7704, 68.4867



59.5065, 46.7509, 43.8362



18.5175, 18.1903, 21.3423



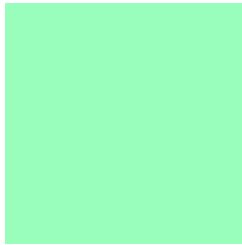
25.3711, 12.6377, 21.1363



2.5213, 1.2509, 2.3264

Previews

White Background



This preview shows how the XYZ color 57.5483, 81.2438, 59.6622 looks on a white background.

Color Contrast Check

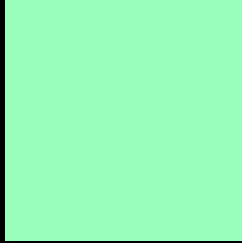
Large Text (above 18pt) WCAG AA × Fail

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 57.5483, 81.2438, 59.6622 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 57.5483, 81.2438, 59.6622

Background



This preview shows how black text looks on a background with the XYZ color 57.5483, 81.2438, 59.6622.

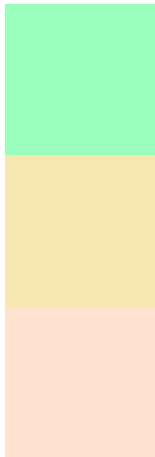


This preview shows how white text looks on a background with the XYZ color 57.5483, 81.2438,

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

57.5483, 81.2438, 59.6622

Protanopia

74.7702, 80.0606, 52.5867

Deuteranopia

79.8215, 80.2068, 70.9489



Tritanopia

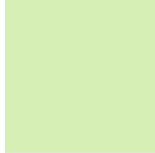
70.7405, 81.0777, 106.5289

Trichromacy



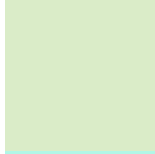
Original Color

57.5483, 81.2438, 59.6622



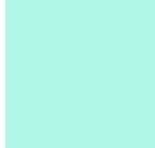
Protanomaly

66.5453, 79.1744, 54.9549



Deuteranomaly

69.3342, 79.0665, 66.2506



Tritanomaly

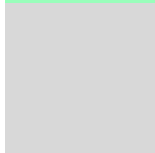
65.3702, 80.9718, 87.0467

Monochromacy



Original Color

57.5483, 81.2438, 59.6622



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.3086, 72.3389, 68.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5483, 81.2438, 59.6622 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(153, 254, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 254, 187)  
}
```

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(153, 254, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 254, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.5483, 81.2438, 59.6622 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(153, 254, 187) }
```


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

```
.border{ border-color:rgb(153, 254, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 254, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 254, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 254, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 254,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5483, 81.2438, 59.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 254, 187) }
```

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

```
.background{ background-color: rgb(153,  
254, 187) }
```

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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