

Converting Colors

XYZ(58.9517, 81.3426, 66.6265)

Have a look what the booklet for
XYZ(58.9517, 81.3426, 66.6265)
contains.

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Color

**XYZ(58.9517, 81.3426,
66.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFDC7
RGB	155, 253, 199
RGB Percent	61%, 99%, 78%
CMY	0.3921, 0.0078, 0.2196
CMYK	0.39, 0.00, 0.21, 0.01
HSL	147°, 96%, 80%
HSV	147°, 39%, 99%
XYZ	58.9517, 81.3426, 66.6265
YIQ	217.5420, -41.0740, -37.5700

Conversions

Conversions Part 2

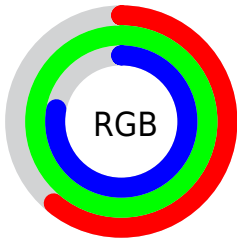
Format	Color
RYB	155, 223, 253
Decimal	10223047
CIELab	92.28, -40.34, 16.90
CIELCh	92, 43.734, 157.266
Yxy	81.3426, 0.2849, 0.3931
Android (android.graphics.Color)	4288413127 (0xFF9BFDC7)
YUV	217.5420, -9.1412, -54.8493
Hunter-Lab	90.1901, -41.1583, 19.3336

Details

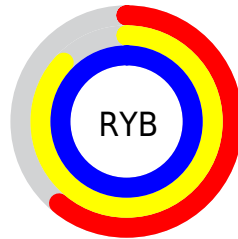
The XYZ color **58.9517, 81.3426, 66.6265** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.7407, 48.9308, 66.4100**, and the grayscale version is **66.4082, 69.8666, 76.0847**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **29.9964, 44.1768, 33.7341** is the 20% darker color. If you saturate the color by 10%, you get **53.0504, 78.4812, 58.2849**, and if you desaturate by 10%, it is **66.0229, 84.7944, 75.8005**.

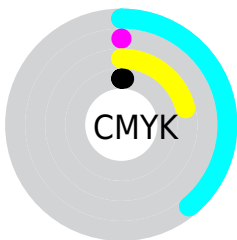
Distribution



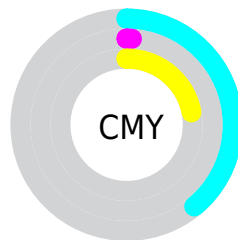
- Red (61%)
- Green (99%)
- Blue (78%)



- Red (61%)
- Yellow (87%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)





- Cyan (39%)
- Magenta (1%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9517, 81.3426, 66.6265 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 58.9517, 81.3426, 66.6265 by changing the saturation by 10% instead.


 58.9517, 81.3426,
66.6265


 58.9517, 81.3426,
66.6265


410.6198,
499.4460, 467.0794

 42.8205, 60.8238,
48.3215


 102.4225,
135.2517, 116.0206

 29.9382, 44.0830,
33.7197


 130.4928,
169.4108, 147.9468

 19.9395, 30.7358,
22.4028


163.2734,
208.8855, 185.2504

 12.4591, 20.3977,
13.9520

201.1298,
254.0601, 228.3500

 7.1316, 12.6845,
7.9489

244.4273,
305.3191, 277.6642

 3.5916, 7.2116,
3.9750

293.5312,

 1.4738, 3.5948,

363.0468, 333.6115

1.6116

348.8069,
427.6277, 396.6103

■ 0.3079, 1.4496,
0.2991

■ 0.0000, 0.2528,
0.0000

■ 58.9517, 81.3426,
66.6265

■ 58.9517, 81.3426,
66.6265

■ 53.0504, 78.4812,
58.2849

■ 66.0229, 84.7944,
75.8005

■ 48.2445, 76.1655,
50.7464

■ 74.3197, 88.8583,
85.8242

■ 44.4606, 74.3605,
43.9877

■ 83.9021, 93.5670,
96.7214

■ 41.6133, 73.0226,
37.9822

■ 94.3794, 98.7185,
108.4922

■ 39.6015, 72.1003,
32.7014

94.4167, 98.7335,
108.6889

■ 38.2817, 71.5201,
28.1137

■ 38.1407, 71.4591,
27.5804

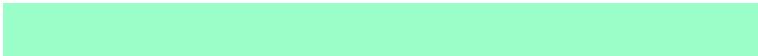
Harmonies

Analogous

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



64.8867, 81.3426, 47.6950



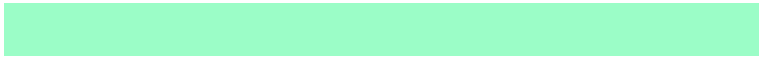
58.9517, 81.3426, 66.6265



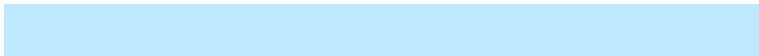
57.6971, 81.3426, 96.6755

Triad

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



58.9517, 81.3426, 66.6265



80.0950, 81.3426, 165.7676



95.9312, 81.3426, 55.9734

Complementary

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



58.9517, 81.3426, 66.6265



63.7407, 48.9308, 66.4100

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.



100.9379, 81.3426, 80.9274



58.9517, 81.3426, 66.6265



91.2339, 81.3426, 147.9101

Square

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



58.9517, 81.3426, 66.6265



69.2153, 81.3426, 159.2693



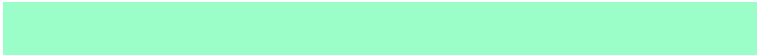
99.1402, 81.3426, 114.8650



86.0203, 81.3426, 42.6721

Rectangle

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



58.9517, 81.3426, 66.6265



59.5599, 81.3426, 120.2515



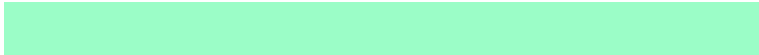
99.1402, 81.3426, 114.8650



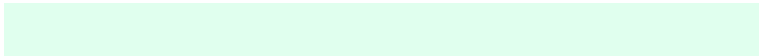
98.2855, 81.3426, 63.0049

Sweetspot

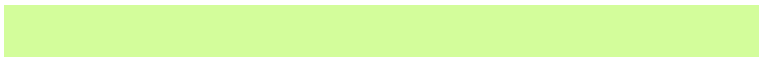
The Sweet Spot groups the original color and five complimentary colors.



58.9539, 81.3459, 66.6283



82.0776, 93.6125, 94.7386



67.7749, 86.4007, 44.1164



17.2911, 19.9008, 19.9650



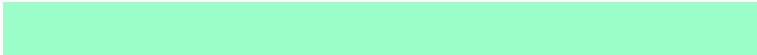
0.0000, 0.0000, 0.0000



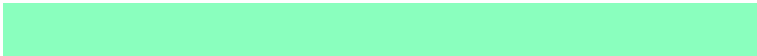
20.3446, 21.4041, 23.3091

Same Dimension

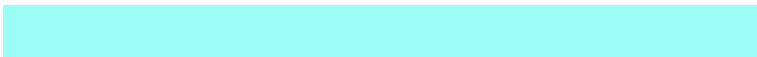
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.9539, 81.3459, 66.6283



55.5257, 80.6314, 61.5608



65.3518, 83.9051, 100.3193



18.1105, 20.3037, 20.8851



20.3596, 38.0404, 15.0450



2.0364, 3.7255, 1.7498

Inverse Universe

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



63.7407, 48.9308, 66.4100



60.9860, 43.6312, 61.2934



58.7119, 46.9193, 39.9285



18.4283, 18.1546, 20.8725



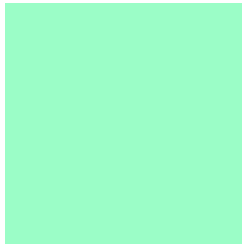
24.1184, 12.1367, 14.5401



2.4034, 1.2037, 1.7058

Previews

White Background



This preview shows how the XYZ color 58.9517, 81.3426, 66.6265 looks on a white background.

Color Contrast Check

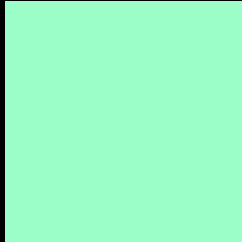
Large Text (above 18pt) WCAG AA × Fail

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 58.9517, 81.3426, 66.6265 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 58.9517, 81.3426, 66.6265

Background



This preview shows how black text looks on a background with the XYZ color 58.9517, 81.3426, 66.6265.

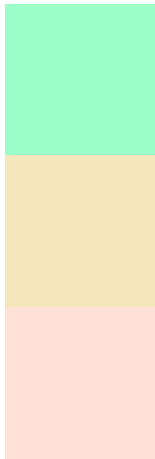


This preview shows how white text looks on a background with the XYZ color 58.9517, 81.3426,

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

58.9517, 81.3426, 66.6265

Protanopia

75.3092, 80.1951, 59.0869

Deuteranopia

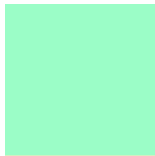
80.4466, 80.4568, 74.2405



Tritanopia

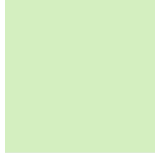
70.7405, 81.0777, 106.5289

Trichromacy



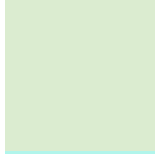
Original Color

58.9517, 81.3426, 66.6265



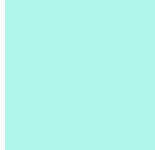
Protanomaly

67.5323, 79.5358, 61.6618



Deuteranomaly

70.5940, 79.6050, 71.3191



Tritanomaly

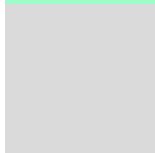
65.7793, 80.6501, 90.6974

Monochromacy



Original Color

58.9517, 81.3426, 66.6265



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.8395, 73.4571, 72.4947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9517, 81.3426, 66.6265 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(155, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 253, 199)  
}
```

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(155, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 253, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.9517, 81.3426, 66.6265 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(155, 253, 199) }
```


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

```
.border{ border-color:rgb(155, 253, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 253, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 253, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 253, 199);  
box-shadow:4px 4px 4px 4px rgb(155, 253,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9517, 81.3426, 66.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 253, 199) }
```

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

```
.background{ background-color: rgb(155,  
253, 199) }
```

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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