

Converting Colors

XYZ(57.9844, 81.8185, 65.3036)

Have a look what the booklet for
XYZ(57.9844, 81.8185, 65.3036)
contains.

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Color

**XYZ(58.0508, 81.8471,
65.5618)**

Conversions

Conversions Part 1

Format	Color
Hex	94FFC5
RGB	148, 255, 197
RGB Percent	58%, 100%, 77%
CMY	0.4196, 0.0000, 0.2274
CMYK	0.42, 0.00, 0.23, 0.00
HSL	147°, 100%, 79%
HSV	147°, 42%, 100%
XYZ	58.0508, 81.8471, 65.5618
YIQ	216.3950, -45.1540, -40.7220

Conversions

Conversions Part 2

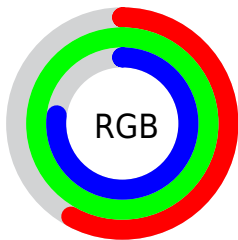
Format	Color
RYB	148, 221, 255
Decimal	9764805
CIELab	92.51, -43.48, 18.20
CIElCh	93, 47.136, 157.292
Yxy	81.8471, 0.2825, 0.3984
Android (android.graphics.Color)	4287954885 (0xFF94FFC5)
YUV	216.3950, -9.5617, -59.9824
Hunter-Lab	90.4694, -43.7847, 20.3620

Details

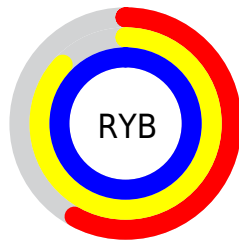
The XYZ color **58.0508, 81.8471, 65.5618** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.9709, 46.8969, 64.1258**, and the grayscale version is **65.6248, 69.0424, 75.1872**.

A 20% lighter version of the original color is **79.1030, 91.7976, 107.3155**, and **29.4664, 44.5955, 33.0413** is the 20% darker color. If you saturate the color by 10%, you get **52.4234, 79.1208, 57.4069**, and if you desaturate by 10%, it is **64.8408, 85.1560, 74.5320**.

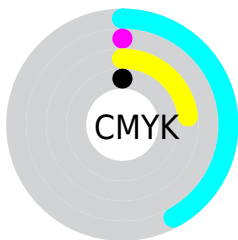
Distribution



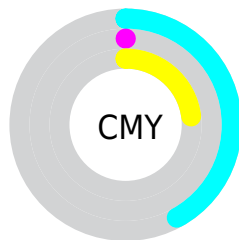
- Red (58%)
- Green (100%)
- Blue (77%)



- Red (58%)
- Yellow (87%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0508, 81.8471, 65.5618 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 58.0508, 81.8471, 65.5618 by changing the saturation by 10% instead.


 58.0508, 81.8471,
65.5618

 58.0508, 81.8471,
65.5618


407.3260,
501.1361, 463.1695

 42.0929, 61.2395,
47.4625


 101.1194,
135.9596, 114.4782

 29.3655, 44.4185,
33.0445


 128.9608,
170.2332, 146.1323

 19.5031, 30.9996,
21.8891

161.4940,
209.8310, 183.1419

 12.1406, 20.5986,
13.5779

199.0845,
255.1374, 225.9254

 6.9124, 12.8309,
7.6923

242.0976,
306.5367, 274.9014

 3.4532, 7.3122,
3.8138

290.8987,

 1.3977, 3.6581,

364.4133, 330.4883

1.5237

345.8530,
429.1516, 393.1048

■ 0.2546, 1.4842,
0.2355

■ 0.0000, 0.2776,
0.0000

■ 58.0508, 81.8471,
65.5618

■ 58.0508, 81.8471,
65.5618

■ 52.4234, 79.1208,
57.4069

■ 64.8408, 85.1560,
74.5320

■ 47.8851, 76.9396,
50.0395

■ 72.8563, 89.0794,
84.3358

■ 44.3570, 75.2633,
43.4361

■ 82.1581, 93.6484,
94.9963

■ 41.7478, 74.0453,
37.5703

■ 92.8021, 98.8912,
106.5343

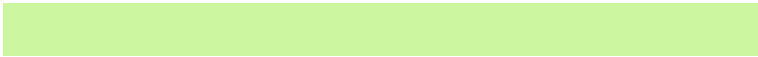
■ 39.9479, 73.2297, 95.0500, 100.0000,
32.4138 108.9000

■ 38.9578, 72.7991,
28.7595

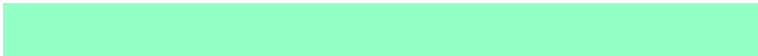
Harmonies

Analogous

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



64.3952, 81.8471, 45.5528



58.0508, 81.8471, 65.5618



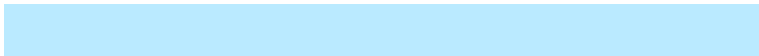
56.7178, 81.8471, 97.9442

Triad

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



58.0508, 81.8471, 65.5618



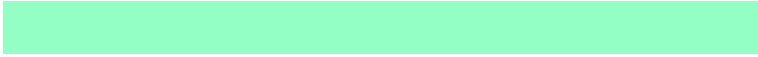
80.8171, 81.8471, 174.0218



98.0451, 81.8471, 54.2184

Complementary

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



58.0508, 81.8471, 65.5618



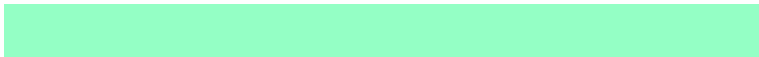
62.9709, 46.8969, 64.1258

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.



103.5330, 81.8471, 80.8379



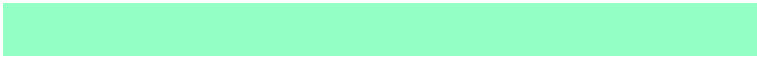
58.0508, 81.8471, 65.5618



92.9316, 81.8471, 154.1651

Square

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



58.0508, 81.8471, 65.5618



69.0624, 81.8471, 166.8177



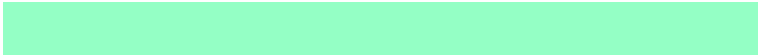
101.5699, 81.8471, 117.7314



87.2305, 81.8471, 40.3024

Rectangle

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



58.0508, 81.8471, 65.5618



58.7075, 81.8471, 123.7100



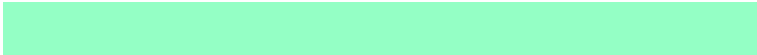
101.5699, 81.8471, 117.7314



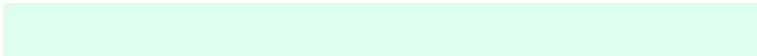
100.6230, 81.8471, 61.6617

Sweetspot

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



58.0515, 81.8475, 65.5632



81.1289, 93.1422, 93.8469



66.7961, 86.9022, 41.2713



16.9077, 19.7115, 19.5718



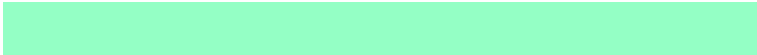
0.0000, 0.0000, 0.0000



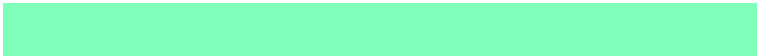
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0515, 81.8475, 65.5632



53.4382, 79.6110, 58.9424



65.1737, 84.6963, 103.0681



18.1175, 20.3065, 20.9219



20.4296, 38.0684, 15.4135



2.0435, 3.7283, 1.7870

Inverse Universe

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



62.9709, 46.8969, 64.1258



58.9276, 40.5816, 57.3172



57.6092, 44.7522, 35.8915



18.4212, 18.1518, 20.8352



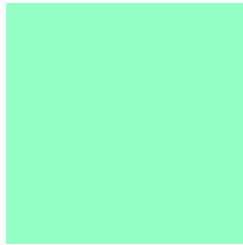
24.0306, 12.1015, 14.0774



2.3949, 1.2004, 1.6612

Previews

White Background



This preview shows how the XYZ color 58.0508, 81.8471, 65.5618 looks on a white background.

Color Contrast Check

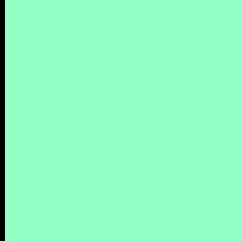
Large Text (above 18pt) WCAG AA × Fail

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 58.0508, 81.8471, 65.5618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

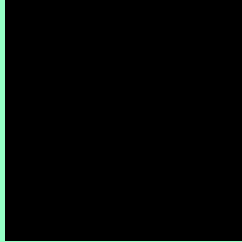
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0508, 81.8471, 65.5618

Background



This preview shows how black text looks on a background with the XYZ color 58.0508, 81.8471, 65.5618.



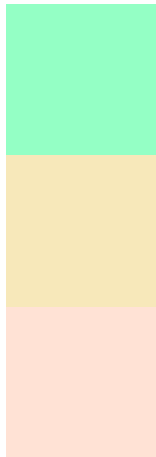
This preview shows how white text looks on a background with the XYZ color 58.0508, 81.8471,

65.5618.

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

58.0508, 81.8471, 65.5618

Protanopia

76.0773, 81.0326, 58.0855

Deuteranopia

80.4466, 80.4568, 74.2405



Tritanopia

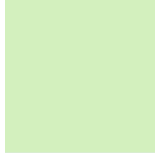
70.7405, 81.0777, 106.5289

Trichromacy



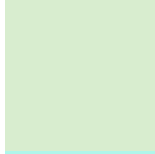
Original Color

58.0508, 81.8471, 65.5618



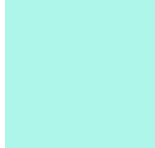
Protanomaly

67.3183, 79.8868, 60.5868



Deuteranomaly

69.8656, 79.6723, 70.7275



Tritanomaly

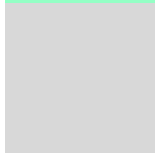
65.4862, 80.9660, 90.0184

Monochromacy



Original Color

58.0508, 81.8471, 65.5618



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.2913, 72.2734, 71.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0508, 81.8471, 65.5618 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(148, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 197)  
}
```

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(148, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.0508, 81.8471, 65.5618 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(148, 255, 197) }
```


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

```
.border{ border-color:rgb(148, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 255, 197); box-shadow:4px 4px 4px 4px rgb(148, 255, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0508, 81.8471, 65.5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 197) }
```

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

```
.background{ background-color: rgb(148,  
255, 197) }
```

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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