

Converting Colors

XYZ(58.1938, 79.3247, 74.7530)

Have a look what the booklet for
XYZ(58.1938, 79.3247, 74.7530)
contains.

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Color

**XYZ(58.1019, 79.3277,
74.5368)**

Conversions

Conversions Part 1

Format	Color
Hex	93FAD4
RGB	147, 250, 212
RGB Percent	58%, 98%, 83%
CMY	0.4235, 0.0196, 0.1686
CMYK	0.41, 0.00, 0.15, 0.02
HSL	158°, 91%, 78%
HSV	158°, 41%, 98%
XYZ	58.1019, 79.3277, 74.5368
YIQ	214.8710, -49.1900, -33.6540

Conversions

Conversions Part 2

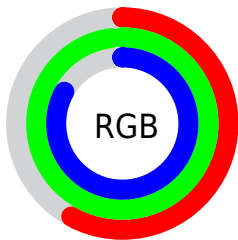
Format	Color
RYB	147, 210, 250
Decimal	9698004
CIELab	91.38, -38.51, 8.88
CIELCh	91, 39.518, 167.019
Yxy	79.3277, 0.2741, 0.3742
Android (android.graphics.Color)	4287888084 (0xFF93FAD4)
YUV	214.8710, -1.4154, -59.5229
Hunter-Lab	89.0661, -39.4219, 12.7282

Details

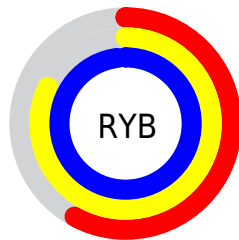
The XYZ color **58.1019, 79.3277, 74.5368** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.6177, 44.6963, 51.4399**, and the grayscale version is **64.5390, 67.9000, 73.9431**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **29.3722, 42.7479, 38.6014** is the 20% darker color. If you saturate the color by 10%, you get **52.9665, 76.8130, 68.3960**, and if you desaturate by 10%, it is **64.2823, 82.3776, 81.0769**.

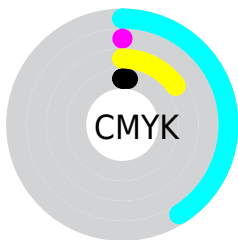
Distribution



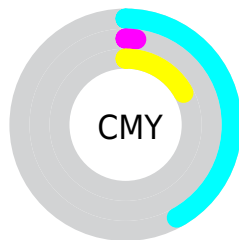
- Red (58%)
- Green (98%)
- Blue (83%)



- Red (58%)
- Yellow (82%)
- Blue (98%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (42%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1019, 79.3277, 74.5368 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 58.1019, 79.3277, 74.5368 by changing the saturation by 10% instead.


 58.1019, 79.3277,
74.5368

 58.1019, 79.3277,
74.5368


407.5133,
492.6642, 495.5369

 42.1342, 59.1653,
54.7341


 101.1933,
132.4201, 127.3975

 29.3979, 42.7462,
38.7917


 129.0478,
166.1189, 161.2926

 19.5278, 29.6860,
26.2911


161.5951,
205.0985, 200.7222

 12.1586, 19.6004,
16.8138

199.2007,
249.7435, 246.1048

 6.9247, 12.1049,
9.9413

242.2300,
300.4382, 297.8591

 3.4610, 6.8152,
5.2550

291.0483,

 1.4020, 3.3468,

357.5669, 356.4035

2.3363

346.0209,
421.5141, 422.1566

■ 0.2576, 1.3153,
0.7514

■ 0.0000, 0.1530,
0.0000

■ 58.1019, 79.3277,
74.5368

■ 58.1019, 79.3277,
74.5368

■ 52.9665, 76.8130,
68.3960

■ 64.2823, 82.3776,
81.0769

■ 48.8046, 74.7905,
62.6404

■ 71.5602, 85.9834,
88.0194

■ 45.5460, 73.2263,
57.2626

■ 79.9923, 90.1762,
95.3740

■ 43.1076, 72.0777,
52.2524

■ 89.6295, 94.9822,
103.1484

■ 41.3900, 71.2934,
47.5992

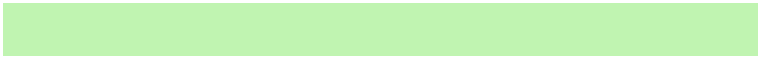
■ 93.4770, 96.8540,
108.3757

■ 40.3383, 70.8345,
43.7881

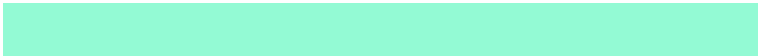
Harmonies

Analogous

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



62.1340, 79.3277, 53.8880



58.1019, 79.3277, 74.5368



58.3985, 79.3277, 103.5957

Triad

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



58.1019, 79.3277, 74.5368



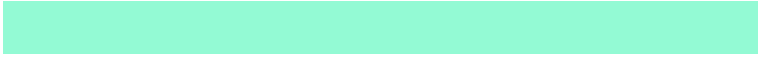
81.1937, 79.3277, 150.7904



89.3462, 79.3277, 51.9005

Complementary

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



58.1019, 79.3277, 74.5368



58.6177, 44.6963, 51.4399

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.



95.4140, 79.3277, 71.1759



58.1019, 79.3277, 74.5368



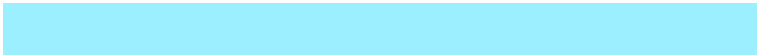
90.4282, 79.3277, 129.8350

Square

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



58.1019, 79.3277, 74.5368



71.1433, 79.3277, 152.2578



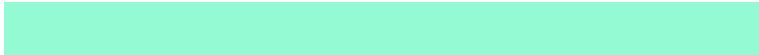
95.8267, 79.3277, 99.4033



79.8203, 79.3277, 42.9111

Rectangle

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



58.1019, 79.3277, 74.5368



61.0062, 79.3277, 124.1384



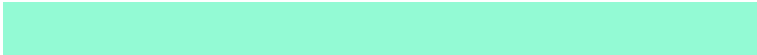
95.8267, 79.3277, 99.4033



91.8933, 79.3277, 57.1697

Sweetspot

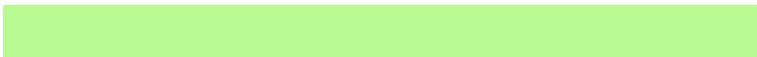
The Sweet Spot groups the original color and five complimentary colors.



58.1041, 79.3309, 74.5386



82.9097, 93.9453, 99.1208



59.8219, 80.9809, 40.0830



17.4870, 19.9792, 20.9963



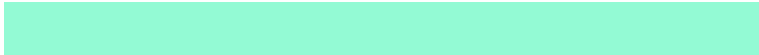
0.0000, 0.0000, 0.0000



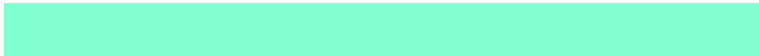
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1041, 79.3309, 74.5386



56.4698, 80.8682, 72.8892



59.8602, 74.2476, 101.6224



17.4783, 19.4936, 20.7191



21.4676, 37.6001, 23.6036



2.0394, 3.5029, 2.4553

Inverse Universe

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



58.6177, 44.6963, 51.4399



57.0807, 40.3791, 45.9379



57.0942, 47.2346, 33.7131



17.5094, 17.3311, 19.2721



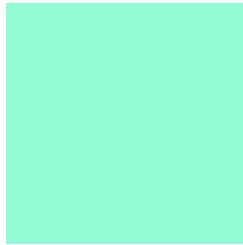
22.0055, 11.2179, 6.7373



2.0873, 1.0586, 0.8830

Previews

White Background



This preview shows how the XYZ color 58.1019, 79.3277, 74.5368 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 58.1019, 79.3277, 74.5368 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 58.1019, 79.3277, 74.5368

Background



This preview shows how black text looks on a background with the XYZ color 58.1019, 79.3277, 74.5368.

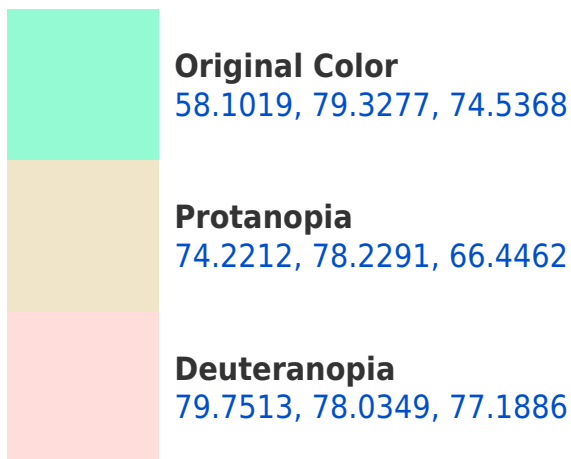


This preview shows how white text looks on a background with the XYZ color 58.1019, 79.3277, 74.5368.

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





Tritanopia

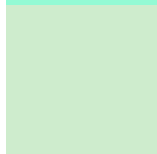
67.8005, 79.1239, 106.3067

Trichromacy



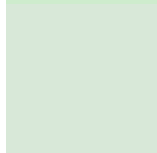
Original Color

58.1019, 79.3277, 74.5368



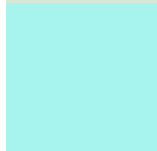
Protanomaly

66.4685, 77.5205, 69.2173



Deuteranomaly

69.5702, 77.2700, 76.2136



Tritanomaly

63.8670, 79.1489, 93.5725

Monochromacy



Original Color

58.1019, 79.3277, 74.5368



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.1162, 71.2890, 74.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1019, 79.3277, 74.5368 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(147, 250, 212)` looks like.

```
.text, #text, p{  
    color:rgb(147, 250, 212)  
}
```

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(147, 250, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 250, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.1019, 79.3277, 74.5368 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(147, 250, 212) }
```


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

```
.border{ border-color:rgb(147, 250, 212) }
```

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

Here you see how a box with a 4 pixel rgb(147, 250, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 250, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 250, 212);  
box-shadow:4px 4px 4px 4px rgb(147, 250,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1019, 79.3277, 74.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 250, 212) }
```

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

```
.background{ background-color: rgb(147,  
250, 212) }
```

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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