

Converting Colors

XYZ(58.8573, 78.9601, 78.4958)

Have a look what the booklet for
XYZ(58.8573, 78.9601, 78.4958)
contains.

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Color

**XYZ(58.9250, 79.2029,
78.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	95F9DA
RGB	149, 249, 218
RGB Percent	58%, 98%, 85%
CMY	0.4157, 0.0235, 0.1451
CMYK	0.40, 0.00, 0.12, 0.02
HSL	161°, 89%, 78%
HSV	161°, 40%, 98%
XYZ	58.9250, 79.2029, 78.5117
YIQ	215.5660, -49.6490, -30.8410

Conversions

Conversions Part 2

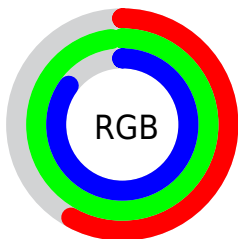
Format	Color
R _Y B	149, 208, 249
Decimal	9828826
CIE Lab	91.33, -36.27, 5.70
CIE LCh	91, 36.716, 171.069
Yxy	79.2029, 0.2720, 0.3656
Android (android.graphics.Color)	4288018906 (0xFF95F9DA)
YUV	215.5660, 1.2000, -58.3784
Hunter-Lab	88.9960, -37.5567, 9.9920

Details

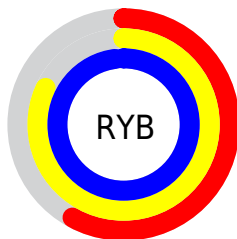
The XYZ color **58.9250, 79.2029, 78.5117** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.0553, 44.9319, 48.7959**, and the grayscale version is **64.9932, 68.3779, 74.4635**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **29.8741, 42.6189, 41.3021** is the 20% darker color. If you saturate the color by 10%, you get **53.8722, 76.7141, 73.1253**, and if you desaturate by 10%, it is **65.0004, 82.2175, 84.1951**.

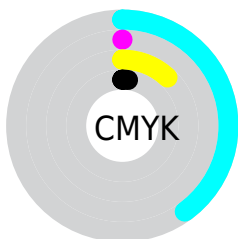
Distribution



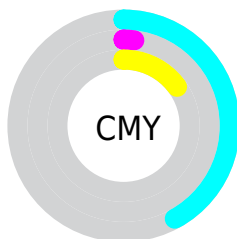
- Red (58%)
- Green (98%)
- Blue (85%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (42%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9250, 79.2029, 78.5117 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 58.9250, 79.2029, 78.5117 by changing the saturation by 10% instead.


 58.9250, 79.2029,
78.5117


 58.9250, 79.2029,
78.5117

410.5224,
492.2425, 509.4768

 42.7989, 59.0626,
57.9755


 102.3839,
132.2445, 133.0636

 29.9212, 42.6636,
41.3744


 130.4474,
165.9146, 167.9164

 19.9265, 29.6212,
28.2898

163.2207,
204.8634, 208.3785

 12.4496, 19.5513,
18.3033


201.0693,
249.4754, 254.8684

 7.1250, 12.0693,
10.9963

244.3583,
300.1349, 307.8046

 3.5874, 6.7909,
5.9502

293.4533,

 1.4715, 3.3317,

357.2263, 367.6057

2.7465

348.7196,
421.1340, 434.6903

■ 0.3063, 1.3072,
0.9667

■ 0.0000, 0.1468,
0.0000

■ 58.9250, 79.2029,
78.5117

■ 58.9250, 79.2029,
78.5117

■ 53.8722, 76.7141,
73.1253

■ 65.0004, 82.2175,
84.1951

■ 49.7722, 74.7092,
68.0240

■ 72.1494, 85.7779,
90.1759

■ 46.5570, 73.1551,
63.2032

■ 80.4273, 89.9148,
96.4615

■ 44.1460, 72.0103,
58.6556

■ 89.8836, 94.6535,
103.0575

■ 42.4434, 71.2256,
54.3731

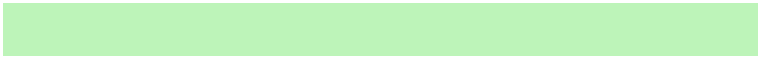
■ 93.1671, 96.2342,
108.2724

■ 41.3050, 70.7254,
50.4074

Harmonies

Analogous

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



62.1798, 79.2029, 57.8356



58.9250, 79.2029, 78.5117



59.7620, 79.2029, 106.0398

Triad

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



58.9250, 79.2029, 78.5117



81.9091, 79.2029, 143.5577



87.1146, 79.2029, 52.1523

Complementary

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



58.9250, 79.2029, 78.5117



58.0553, 44.9319, 48.7959

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.



93.2755, 79.2029, 69.0697



58.9250, 79.2029, 78.5117



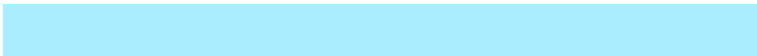
90.1019, 79.2029, 122.6855

Square

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



58.9250, 79.2029, 78.5117



72.5313, 79.2029, 147.5397



94.4116, 79.2029, 94.4563



78.0972, 79.2029, 44.8176

Rectangle

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



58.9250, 79.2029, 78.5117



62.5589, 79.2029, 124.5500



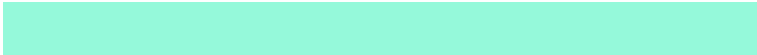
94.4116, 79.2029, 94.4563



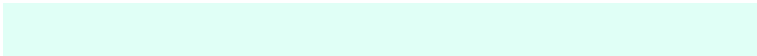
89.6183, 79.2029, 56.7191

Sweetspot

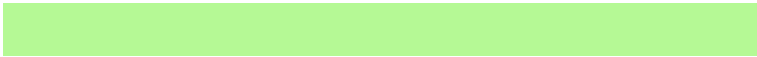
The Sweet Spot groups the original color and five complimentary colors.



58.9272, 79.2061, 78.5135



83.1845, 94.0553, 100.5678



58.2810, 79.7081, 40.7485



17.5518, 20.0051, 21.3376



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.



58.9272, 79.2061, 78.5135



57.9012, 81.4866, 78.3588



57.9785, 70.1975, 100.1199



17.5233, 19.5116, 20.9562



22.1758, 37.8833, 27.3326



2.1014, 3.5277, 2.7820

Inverse Universe

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



58.0553, 44.9319, 48.7959



56.8804, 40.8487, 43.1886



58.3741, 50.0715, 35.0232



17.4662, 17.3138, 19.0448



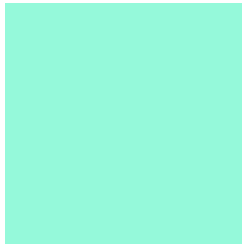
21.6885, 11.0911, 5.0678



2.0541, 1.0454, 0.7084

Previews

White Background



This preview shows how the XYZ color 58.9250, 79.2029, 78.5117 looks on a white background.

Color Contrast Check

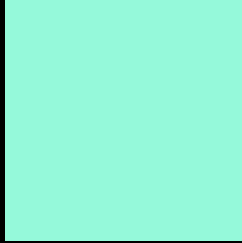
Large Text (above 18pt) WCAG AA × Fail

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 58.9250, 79.2029, 78.5117 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 58.9250, 79.2029, 78.5117

Background



This preview shows how black text looks on a background with the XYZ color 58.9250, 79.2029, 78.5117.



This preview shows how white text looks on a background with the XYZ color 58.9250, 79.2029,

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

58.9250, 79.2029, 78.5117

Protanopia

74.2658, 78.1689, 70.2054

Deuteranopia

79.8190, 77.9774, 81.3652



Tritanopia

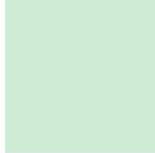
67.8005, 79.1239, 106.3067

Trichromacy



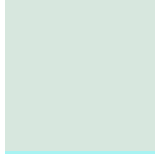
Original Color

58.9250, 79.2029, 78.5117



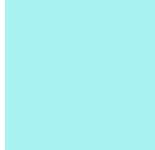
Protanomaly

67.2069, 77.8159, 73.1058



Deuteranomaly

69.7851, 76.8728, 80.2671



Tritanomaly

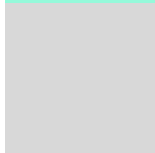
64.2261, 78.8368, 95.8364

Monochromacy



Original Color

58.9250, 79.2029, 78.5117



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.0060, 71.7030, 76.2176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9250, 79.2029, 78.5117 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(149, 249, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 249, 218)  
}
```

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(149, 249, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 249, 218) }
```

Border

The CSS property to change the border of an element to XYZ 58.9250, 79.2029, 78.5117 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(149, 249, 218) }
```


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

```
.border{ border-color:rgb(149, 249, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 249, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 249, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 249, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 249,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9250, 79.2029, 78.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 249, 218) }
```

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

```
.background{ background-color: rgb(149,  
249, 218) }
```

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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