

Converting Colors

XYZ(58.0969, 78.3139, 78.8387)

Have a look what the booklet for
XYZ(58.0969, 78.3139, 78.8387)
contains.

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Color

**XYZ(58.2076, 78.3603,
79.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	92F8DB
RGB	146, 248, 219
RGB Percent	57%, 97%, 86%
CMY	0.4274, 0.0274, 0.1412
CMYK	0.41, 0.00, 0.12, 0.03
HSL	163°, 88%, 77%
HSV	163°, 41%, 97%
XYZ	58.2076, 78.3603, 79.0750
YIQ	214.1960, -51.4830, -30.6430

Conversions

Conversions Part 2

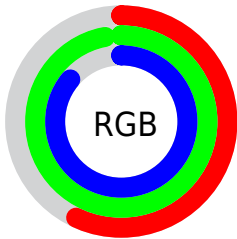
Format	Color
R_{YB}	146, 205, 248
Decimal	9631963
CIE _{Lab}	90.94, -36.36, 4.61
CIE _{LCh}	91, 36.654, 172.769
Yxy	78.3603, 0.2699, 0.3634
Android (android.graphics.Color)	4287822043 (0xFF92F8DB)
YUV	214.1960, 2.3684, -59.8079
Hunter-Lab	88.5214, -37.5389, 9.0019

Details

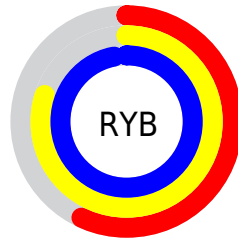
The XYZ color **58.2076, 78.3603, 79.0750** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.7308, 43.6113, 45.9881**, and the grayscale version is **64.0596, 67.3957, 73.3939**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **29.4515, 42.0658, 41.6892** is the 20% darker color. If you saturate the color by 10%, you get **53.3597, 75.9682, 74.1054**, and if you desaturate by 10%, it is **64.0554, 81.2674, 84.3001**.

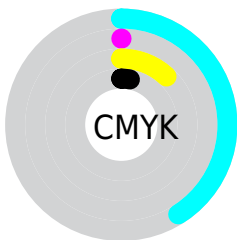
Distribution



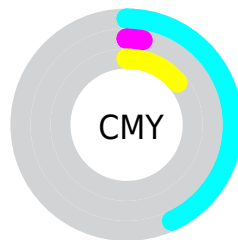
- Red (57%)
- Green (97%)
- Blue (86%)



- Red (57%)
- Yellow (80%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)





- Cyan (43%)
- Magenta (3%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2076, 78.3603, 79.0750 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 58.2076, 78.3603, 79.0750 by changing the saturation by 10% instead.


 58.2076, 78.3603,
79.0750


 58.2076, 78.3603,
79.0750


407.9005,
489.3896, 511.4344

 42.2195, 58.3700,
58.4358


 101.3463,
131.0579, 133.8641

 29.4650, 42.1062,
41.7421


 129.2277,
164.5340, 168.8510

 19.5789, 29.1844,
28.5753


161.8041,
203.2742, 209.4576

 12.1958, 19.2204,
18.5170

199.4410,
247.6628, 256.1024

 6.9503, 11.8296,
11.1485

242.5038,
298.0842, 309.2039

 3.4771, 6.6278,
6.0514

291.3577,

 1.4108, 3.2304,

354.9229, 369.1807

2.8071

346.3681,
418.5632, 436.4514

■ 0.2639, 1.2532,
0.9970

■ 0.0000, 0.1045,
0.0000

■ 58.2076, 78.3603,
79.0750

■ 58.2076, 78.3603,
79.0750

■ 53.3597, 75.9682,
74.1054

■ 64.0554, 81.2674,
84.3001

■ 49.4423, 74.0492,
69.3805


■ 70.9538, 84.7095,
89.7805


■ 46.3871, 72.5702,
64.8961


■ 78.9580, 88.7170,
95.5228

■ 44.1134, 71.4898,
60.6461

■ 88.1171, 93.3152,
101.5318

 42.5246, 70.7582,
56.6230

 92.7399, 95.5701,
107.5434

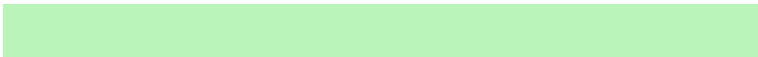
 41.5534, 70.3315,
53.2357

 92.8588, 95.6176,
108.1696

Harmonies

Analogous

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



61.2101, 78.3603, 58.0897



58.2076, 78.3603, 79.0750



59.2687, 78.3603, 106.5667

Triad

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



58.2076, 78.3603, 79.0750



81.5687, 78.3603, 141.3636



85.7540, 78.3603, 50.8825

Complementary

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



58.2076, 78.3603, 79.0750



56.7308, 43.6113, 45.9881

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.



92.0917, 78.3603, 67.1053



58.2076, 78.3603, 79.0750



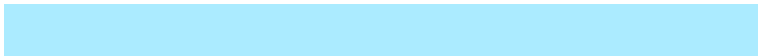
89.5393, 78.3603, 119.9578

Square

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



58.2076, 78.3603, 79.0750



72.2650, 78.3603, 146.4074



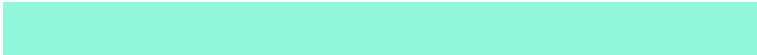
93.5313, 78.3603, 91.8876



76.7380, 78.3603, 44.1437

Rectangle

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



58.2076, 78.3603, 79.0750



62.1831, 78.3603, 124.7457



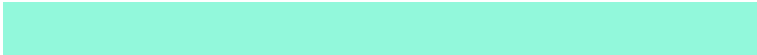
93.5313, 78.3603, 91.8876



88.2978, 78.3603, 55.2241

Sweetspot

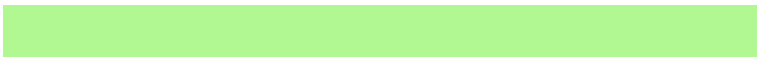
The Sweet Spot groups the original color and five complimentary colors.



58.2098, 78.3634, 79.0768



83.3051, 94.1035, 101.2030



56.7986, 78.5136, 39.3563



17.5803, 20.0165, 21.4876



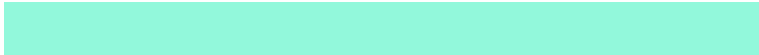
0.0000, 0.0000, 0.0000



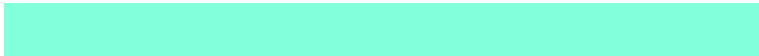
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2098, 78.3634, 79.0768



57.8221, 81.4092, 80.0103



56.4332, 68.1581, 98.9922



17.5430, 19.5195, 21.0602



22.5095, 38.0168, 29.0902



2.1303, 3.5392, 2.9339

Inverse Universe

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



56.7308, 43.6113, 45.9881



56.0735, 39.9763, 40.6344



57.6112, 49.4520, 33.7040



17.4475, 17.3064, 18.9462



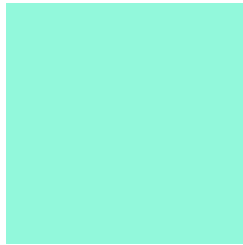
21.5697, 11.0436, 4.4424



2.0412, 1.0402, 0.6401

Previews

White Background



This preview shows how the XYZ color 58.2076, 78.3603, 79.0750 looks on a white background.

Color Contrast Check

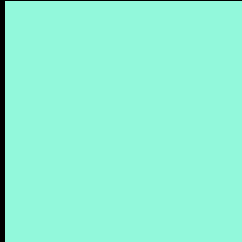
Large Text (above 18pt) WCAG AA × Fail

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 58.2076, 78.3603, 79.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

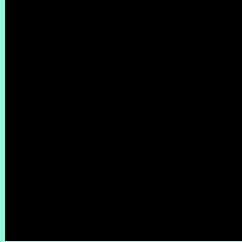
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2076, 78.3603, 79.0750

Background



This preview shows how black text looks on a background with the XYZ color 58.2076, 78.3603, 79.0750.



This preview shows how white text looks on a background with the XYZ color 58.2076, 78.3603,

79.0750.

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

58.2076, 78.3603, 79.0750

Protanopia

73.7793, 77.4968, 70.7443

Deuteranopia

78.9675, 77.1319, 81.9601



Tritanopia

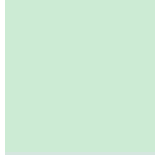
66.3721, 77.9517, 106.1557

Trichromacy



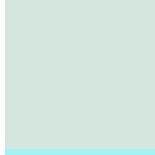
Original Color

58.2076, 78.3603, 79.0750



Protanomaly

66.4938, 77.0075, 73.6467



Deuteranomaly

69.0567, 76.0675, 80.8549



Tritanomaly

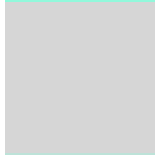
63.0890, 77.8076, 95.6976

Monochromacy



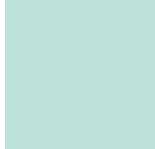
Original Color

58.2076, 78.3603, 79.0750



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.5773, 70.1694, 75.3170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2076, 78.3603, 79.0750 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(146, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(146, 248, 219)  
}
```

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(146, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 248, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.2076, 78.3603, 79.0750 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(146, 248, 219) }
```


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

```
.border{ border-color:rgb(146, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(146, 248,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2076, 78.3603, 79.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 248, 219) }
```

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

```
.background{ background-color: rgb(146,  
248, 219) }
```

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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