

Converting Colors

XYZ(57.7017, 76.7563, 78.1039)

Have a look what the booklet for
XYZ(57.7017, 76.7563, 78.1039)
contains.

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Color

**XYZ(57.7017, 76.7563,
78.1039)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 95F5DA |
| RGB | 149, 245, 218 |
| RGB Percent | 58%, 96%, 85% |
| CMY | 0.4157, 0.0392, 0.1451 |
| CMYK | 0.39, 0.00, 0.11, 0.04 |
| HSL | 163°, 83%, 77% |
| HSV | 163°, 39%, 96% |
| XYZ | 57.7017, 76.7563, 78.1039 |
| YIQ | 213.2180, -48.5490, -28.7490 |

Conversions

Conversions Part 2

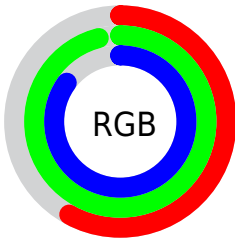
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 149, 205, 245 |
| Decimal | 9827802 |
| CIE Lab | 90.21, -34.43, 4.09 |
| CIE LCh | 90, 34.670, 173.232 |
| Yxy | 76.7563, 0.2715, 0.3611 |
| Android (android.graphics.Color) | 4288017882 (0xFF95F5DA) |
| YUV | 213.2180, 2.3575, -56.3192 |
| Hunter-Lab | 87.6107, -35.7559, 8.4711 |

Details

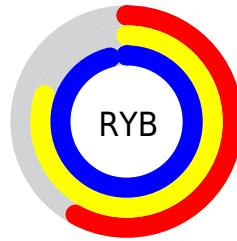
The XYZ color **57.7017, 76.7563, 78.1039** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **56.2427, 44.0440, 46.6142**, and the grayscale version is **63.4014, 66.7033, 72.6398**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **29.1083, 40.9379, 41.0180** is the 20% darker color. If you saturate the color by 10%, you get **52.8105, 74.3388, 73.2661**, and if you desaturate by 10%, it is **63.5749, 79.6796, 83.1867**.

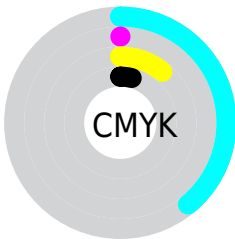
Distribution



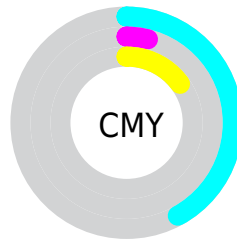
- Red (58%)
- Green (96%)
- Blue (85%)



- Red (58%)
- Yellow (80%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7017, 76.7563, 78.1039 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 57.7017, 76.7563, 78.1039 by changing the saturation by 10% instead.


 57.7017, 76.7563,
78.1039


 57.7017, 76.7563,
78.1039


406.0453,
483.9327, 508.0569

 41.8112, 57.0529,
57.6424


 100.6138,
128.7954, 132.4838

 29.1440, 41.0477,
41.1084


 128.3661,
161.8999, 167.2392

 19.3346, 28.3564,
28.0835


160.8031,
200.2402, 207.5964

 12.0177, 18.5945,
18.1490

198.2901,
244.2007, 253.9738

 6.8280, 11.3776,
10.8865

241.1925,
294.1658, 306.7900

 3.4002, 6.3214,
5.8773

289.8755,

 1.3687, 3.0415,

350.5199, 366.4636

2.7031

344.7047,
413.6474, 433.4130

■ 0.2338, 1.1534,
0.9450

■ 0.0000, 0.0232,
0.0000

■ 57.7017, 76.7563,
78.1039

■ 57.7017, 76.7563,
78.1039

■ 52.8105, 74.3388,
73.2661

■ 63.5749, 79.6796,
83.1867

■ 48.8349, 72.3871,
68.6629

■ 70.4784, 83.1277,
88.5142

■ 45.7105, 70.8699,
64.2906

■ 78.4648, 87.1297,
94.0926

■ 43.3611, 69.7482,
60.1431

■ 87.5814, 91.7098,
99.9265

■ 41.6968, 68.9754,
56.2138

■ 91.5372, 93.6249,
105.7237

■ 40.5801, 68.4809,
52.4937

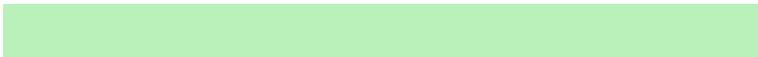
■ 91.9437, 93.7875,
107.8646

■ 40.4993, 68.4457,
52.1985

Harmonies

Analogous

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



60.4660, 76.7563, 58.2585



57.7017, 76.7563, 78.1039



58.7587, 76.7563, 103.7324

Triad

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



57.7017, 76.7563, 78.1039



79.6899, 76.7563, 135.2250



83.3327, 76.7563, 51.0238

Complementary

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



57.7017, 76.7563, 78.1039



56.2427, 44.0440, 46.6142

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.



89.2704, 76.7563, 66.2135



57.7017, 76.7563, 78.1039



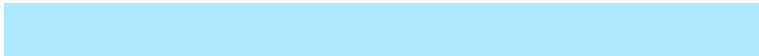
87.0541, 76.7563, 115.3312

Square

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



57.7017, 76.7563, 78.1039



71.0185, 76.7563, 140.1321



90.6831, 76.7563, 89.2949



74.9255, 76.7563, 44.7426

Rectangle

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



57.7017, 76.7563, 78.1039



61.5321, 76.7563, 120.4881



90.6831, 76.7563, 89.2949



85.7097, 76.7563, 55.0942

Sweetspot

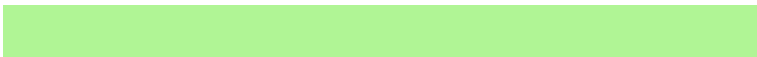
The Sweet Spot groups the original color and five complimentary colors.



57.7039, 76.7594, 78.1057



83.3196, 94.1093, 101.2789



56.0293, 76.7314, 40.2926



17.5837, 20.0179, 21.5055



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.



57.7039, 76.7594, 78.1057



58.8656, 81.9192, 81.3184



55.5876, 66.4038, 96.2772



16.7863, 18.6737, 20.1589



21.8790, 36.8965, 28.4465



1.9667, 3.2603, 2.7306

Inverse Universe

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



56.2427, 44.0440, 46.6142



57.0733, 41.4892, 42.4676



57.4207, 50.2591, 35.1096



16.6907, 16.5591, 18.1178



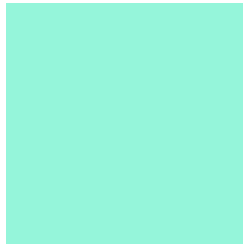
20.9141, 10.7091, 4.2561



1.8802, 0.9581, 0.5957

Previews

White Background



This preview shows how the XYZ color 57.7017, 76.7563, 78.1039 looks on a white background.

Color Contrast Check

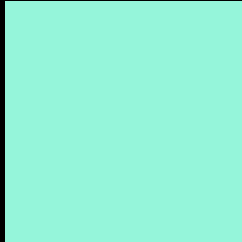
Large Text (above 18pt) WCAG AA × Fail

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 57.7017, 76.7563, 78.1039 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

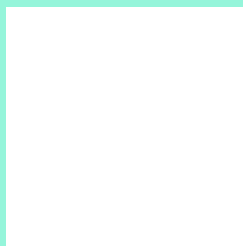
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7017, 76.7563, 78.1039

Background



This preview shows how black text looks on a background with the XYZ color 57.7017, 76.7563, 78.1039.



This preview shows how white text looks on a background with the XYZ color 57.7017, 76.7563,

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

57.7017, 76.7563, 78.1039

Protanopia

72.1194, 75.8478, 69.8705

Deuteranopia

77.2373, 75.4811, 81.0195



Tritanopia

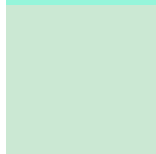
64.7730, 76.6939, 105.9972

Trichromacy



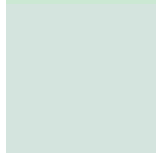
Original Color

57.7017, 76.7563, 78.1039



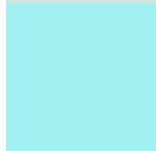
Protanomaly

65.2431, 75.1129, 72.6876



Deuteranomaly

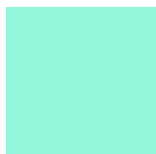
68.0796, 74.7578, 79.9488



Tritanomaly

62.1803, 76.8985, 95.5700

Monochromacy



Original Color

57.7017, 76.7563, 78.1039



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.4262, 69.7039, 74.5594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7017, 76.7563, 78.1039 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, 245, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 245, 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, 245, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 245, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.7017, 76.7563, 78.1039 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, 245, 218) }
```


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

```
.border{ border-color:rgb(149, 245, 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, 245, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 245, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 245, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 245,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7017, 76.7563, 78.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 245, 218) }
```

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

```
.background{ background-color: rgb(149,  
245, 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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