

Converting Colors

XYZ(54.8893, 78.0663, 54.9791)

Have a look what the booklet for
XYZ(54.8893, 78.0663, 54.9791)
contains.

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Color

**XYZ(54.9000, 78.1099,
54.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	96FAB3
RGB	150, 250, 179
RGB Percent	59%, 98%, 70%
CMY	0.4118, 0.0196, 0.2980
CMYK	0.40, 0.00, 0.28, 0.02
HSL	137°, 91%, 78%
HSV	137°, 40%, 98%
XYZ	54.9000, 78.1099, 54.8310
YIQ	212.0060, -36.8090, -43.2810

Conversions

Conversions Part 2

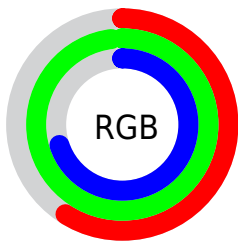
Format	Color
RYB	150, 228, 250
Decimal	9894579
CIELab	90.83, -44.07, 25.07
CIELCh	91, 50.703, 150.364
Yxy	78.1099, 0.2923, 0.4158
Android (android.graphics.Color)	4288084659 (0xFF96FAB3)
YUV	212.0060, -16.2720, -54.3793
Hunter-Lab	88.3798, -43.7836, 25.0822

Details

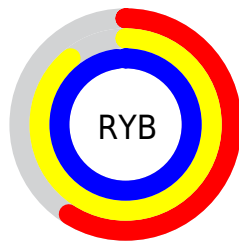
The XYZ color **54.9000, 78.1099, 54.8310** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.3845, 47.3589, 74.2102**, and the grayscale version is **62.7073, 65.9729, 71.8445**.

A 20% lighter version of the original color is **76.4875, 90.7836, 92.0889**, and **27.4520, 42.0260, 26.4036** is the 20% darker color. If you saturate the color by 10%, you get **49.1000, 75.3163, 45.7844**, and if you desaturate by 10%, it is **61.9166, 81.5083, 65.1443**.

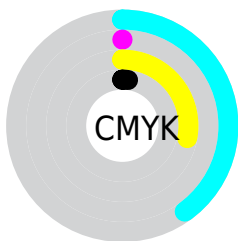
Distribution



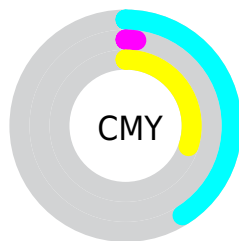
- Red (59%)
- Green (98%)
- Blue (70%)



- Red (59%)
- Yellow (89%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)




- Cyan (41%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9000, 78.1099, 54.8310 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 54.9000, 78.1099, 54.8310 by changing the saturation by 10% instead.


 54.9000, 78.1099,
54.8310


 54.9000, 78.1099,
54.8310


395.6753,
488.5400, 422.5349

 39.5552, 58.1643,
38.8687


 96.5436, 130.7050,
98.7620

 27.3746, 41.9407,
26.3506


 123.5731,
164.1233, 127.5678

 17.9928, 29.0549,
16.8580


155.2282,
202.8013, 161.4918

 11.0445, 19.1223,
9.9724

191.8743,
247.1233, 200.9527

 6.1643, 11.7587,
5.2753

233.8767,
297.4738, 246.3689

 2.9868, 6.5796,
2.3481


281.6007,


 1.1468, 3.2006,

354.2371, 298.1589


0.7580


335.4118,
417.7977, 356.7414

 0.0637, 1.2373,
0.0000


 0.0000, 0.0919,
0.0000


 54.9000, 78.1099,
54.8310


 54.9000, 78.1099,
54.8310


 49.1000, 75.3163,
45.7844


 61.9166, 81.5083,
65.1443


 44.4387, 73.0819,
37.9502

 70.2093, 85.5347,
76.7653

 40.8386, 71.3700,
31.2779

 79.8411, 90.2229,
89.7397

 38.2093, 70.1350,
25.7111

 90.8688, 95.6013,
104.1095

■ 36.4441, 69.3233,
21.1887

■ 93.4771, 96.8541,
108.3757

■ 35.3732, 68.8486,
17.6415

Harmonies

Analogous

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



62.5214, 78.1099, 37.7013



54.9000, 78.1099, 54.8310



52.3185, 78.1099, 85.4957

Triad

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



54.9000, 78.1099, 54.8310



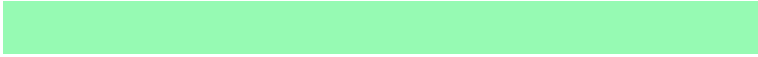
74.3971, 78.1099, 176.3900



97.4754, 78.1099, 54.2559

Complementary

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



54.9000, 78.1099, 54.8310



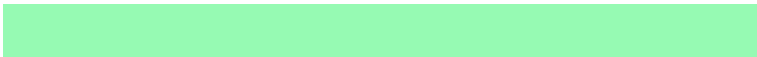
63.3845, 47.3589, 74.2102

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.



101.5642, 78.1099, 84.6027



54.9000, 78.1099, 54.8310



87.3408, 78.1099, 161.1832

Square

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



54.9000, 78.1099, 54.8310



62.7626, 78.1099, 161.8679



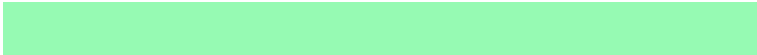
97.6624, 78.1099, 124.7208



87.0402, 78.1099, 37.4423

Rectangle

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



54.9000, 78.1099, 54.8310



53.5414, 78.1099, 111.9055



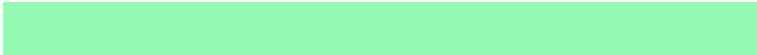
97.6624, 78.1099, 124.7208



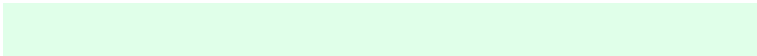
99.6876, 78.1099, 62.8739

Sweetspot

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



54.9021, 78.1131, 54.8328



81.3717, 93.3301, 91.0218



69.7157, 86.0539, 41.7907



17.1256, 19.8346, 19.0932



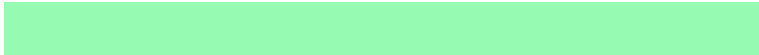
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.9021, 78.1131, 54.8328



52.4466, 79.3048, 49.6355



60.8156, 80.4786, 85.9733



17.2244, 19.3920, 19.3822



18.8161, 36.5394, 9.6407



1.7866, 3.4017, 1.1239

Inverse Universe

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



63.3845, 47.3589, 74.2102



62.4256, 43.0668, 72.3892



57.7474, 45.1041, 44.5258



17.7659, 17.4337, 20.6230



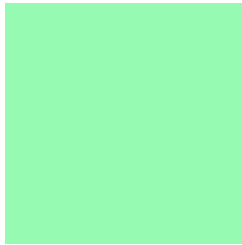
25.2135, 12.5011, 23.6303



2.3812, 1.1762, 2.4308

Previews

White Background



This preview shows how the XYZ color 54.9000, 78.1099, 54.8310 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 54.9000, 78.1099, 54.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

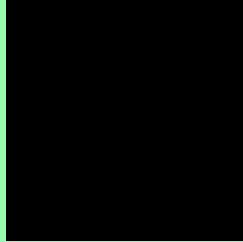
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9000, 78.1099, 54.8310

Background



This preview shows how black text looks on a background with the XYZ color 54.9000, 78.1099, 54.8310.



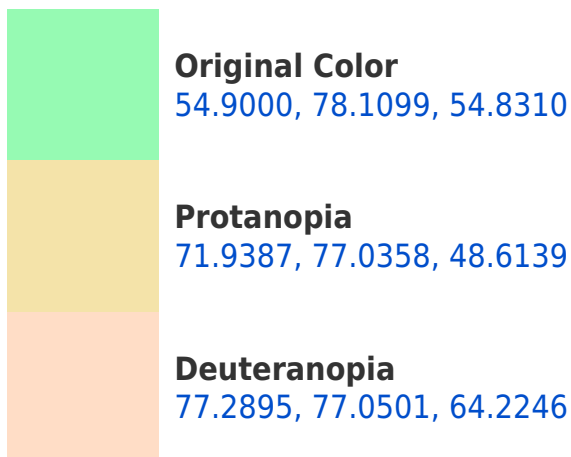
This preview shows how white text looks on a background with the XYZ color 54.9000, 78.1099,

54.8310.

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

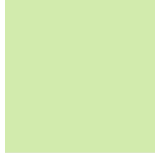
66.7560, 77.7162, 106.0901

Trichromacy



Original Color

54.9000, 78.1099, 54.8310



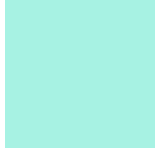
Protanomaly

63.8295, 76.1354, 50.8666



Deuteranomaly

66.8759, 76.2265, 60.4787



Tritanomaly

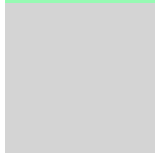
61.5536, 77.2658, 84.3426

Monochromacy



Original Color

54.9000, 78.1099, 54.8310



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.6079, 69.3817, 64.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9000, 78.1099, 54.8310 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(150, 250, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 250, 179)  
}
```

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(150, 250, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 250, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.9000, 78.1099, 54.8310 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(150, 250, 179) }
```


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

```
.border{ border-color:rgb(150, 250, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 250, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 250, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 250, 179); box-shadow:4px 4px 4px 4px rgb(150, 250, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9000, 78.1099, 54.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 250, 179) }
```

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

```
.background{ background-color: rgb(150,  
250, 179) }
```

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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