

Converting Colors

XYZ(52.8956, 78.9020, 78.3095)

Have a look what the booklet for
XYZ(52.8956, 78.9020, 78.3095)
contains.

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Color

**XYZ(52.9005, 78.9094,
78.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFFD9
RGB	94, 255, 217
RGB Percent	37%, 100%, 85%
CMY	0.6313, 0.0000, 0.1490
CMYK	0.63, 0.00, 0.15, 0.00
HSL	166°, 100%, 68%
HSV	166°, 63%, 100%
XYZ	52.9005, 78.9094, 78.0885
YIQ	202.5290, -83.7580, -45.9500

Conversions

Conversions Part 2

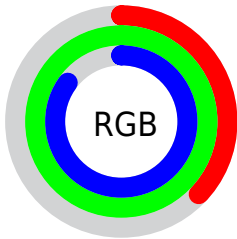
Format	Color
RYB	94, 185, 255
Decimal	6225881
CIELab	91.19, -50.75, 5.79
CIELCh	91, 51.084, 173.487
Yxy	78.9094, 0.2520, 0.3759
Android (android.graphics.Color)	4284415961 (0xFF5E9FD9)
YUV	202.5290, 7.1342, -95.1799
Hunter-Lab	88.8310, -49.1541, 10.0617

Details

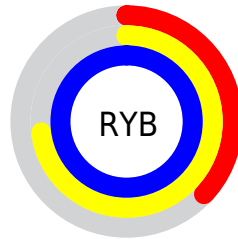
The XYZ color **52.9005, 78.9094, 78.0885** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **49.4085, 30.9327, 25.1980**, and the grayscale version is **56.4646, 59.4051, 64.6922**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **26.4878, 42.5411, 40.9976** is the 20% darker color. If you saturate the color by 10%, you get **49.9352, 77.4696, 73.9384**, and if you desaturate by 10%, it is **56.7595, 80.8067, 82.4323**.

Distribution



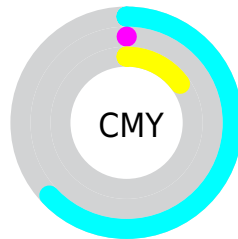
- Red (37%)
- Green (100%)
- Blue (85%)



- Red (37%)
- Yellow (73%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9005, 78.9094, 78.0885 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 52.9005, 78.9094, 78.0885 by changing the saturation by 10% instead.


 52.9005, 78.9094,
78.0885


 52.9005, 78.9094,
78.0885


388.1704,
491.2498, 508.0032


 37.9505, 58.8213,
57.6298


 93.6243, 131.8313,
132.4619


 26.1213, 42.4693,
41.0984


 120.1289,
165.4339, 167.2136

 17.0476, 29.4689,
28.0757

 151.2156,
204.3102, 207.5668

 10.3639, 19.4359,
18.1432

 187.2500,
248.8445, 253.9400

 5.7050, 11.9856,
10.8823

228.5973,
299.4212, 306.7517

 2.7055, 6.7339,
5.8746

275.6229,

 1.0000, 3.2962,

356.4247, 366.4204

2.7014

328.6921,
420.2394, 433.3647

0.0000, 1.2883,
0.9441

0.0000, 0.1321,
0.0000

52.9005, 78.9094,
78.0885

52.9005, 78.9094,
78.0885

49.9352, 77.4696,
73.9384

56.7595, 80.8067,
82.4323

47.7717, 76.4398,
69.9719

61.5866, 83.1997,
86.9706

46.3029, 75.7649,
66.1838

67.4511, 86.1241,
91.7095

45.5893, 75.4517,
63.6806

74.4153, 89.6121,
96.6536

■ 82.5365, 93.6931,
101.8069

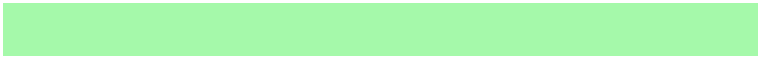
■ 91.8678, 98.3945,
107.1733

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.7311, 78.9094, 50.1174



52.9005, 78.9094, 78.0885



54.4207, 78.9094, 117.5557

Triad

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



52.9005, 78.9094, 78.0885



85.3587, 78.9094, 169.2254



90.7978, 78.9094, 40.4365

Complementary

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



52.9005, 78.9094, 78.0885



49.4085, 30.9327, 25.1980

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.



100.2084, 78.9094, 60.5378



52.9005, 78.9094, 78.0885



96.8243, 78.9094, 135.6638

Square

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



52.9005, 78.9094, 78.0885



72.2146, 78.9094, 177.9225



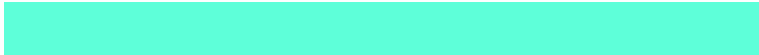
102.5316, 78.9094, 94.2561



77.8582, 78.9094, 32.7934

Rectangle

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



52.9005, 78.9094, 78.0885



58.3613, 78.9094, 144.8668



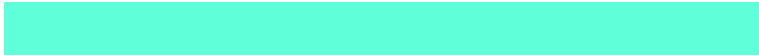
102.5316, 78.9094, 94.2561



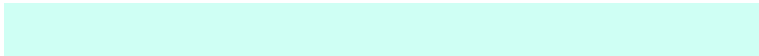
94.5363, 78.9094, 45.6239

Sweetspot

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



52.9014, 78.9099, 78.0899



77.6297, 91.2259, 98.7587



47.6529, 77.4176, 23.0228



16.1354, 19.2848, 20.8259



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.



52.9014, 78.9099, 78.0899



49.2375, 77.1347, 72.7832



46.9040, 58.0745, 103.3451



18.3607, 20.4038, 22.2025



23.8823, 39.4495, 33.5951



2.3675, 3.8579, 3.4929

Inverse Universe

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



49.4085, 30.9327, 25.1980



45.5702, 25.6792, 16.4485



51.8211, 39.1890, 15.4242



18.1850, 18.0573, 19.5916



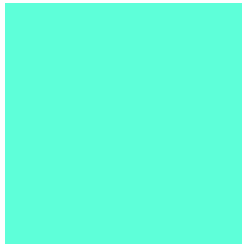
22.0251, 11.2993, 3.5168



2.1847, 1.1162, 0.5540

Previews

White Background



This preview shows how the XYZ color 52.9005, 78.9094, 78.0885 looks on a white background.

Color Contrast Check

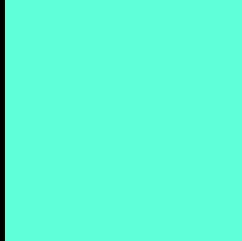
Large Text (above 18pt) WCAG AA × Fail

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 52.9005, 78.9094, 78.0885 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 52.9005, 78.9094, 78.0885

Background



This preview shows how black text looks on a background with the XYZ color 52.9005, 78.9094, 78.0885.

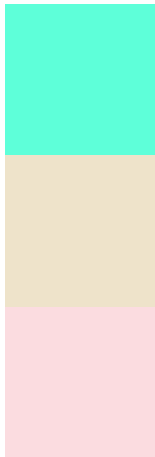


This preview shows how white text looks on a background with the XYZ color 52.9005, 78.9094,

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

52.9005, 78.9094, 78.0885

Protanopia

73.3897, 77.3796, 66.9448

Deuteranopia

78.8314, 77.0774, 81.2436



Tritanopia

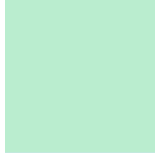
65.0223, 78.1299, 106.2613

Trichromacy



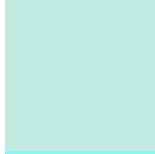
Original Color

52.9005, 78.9094, 78.0885



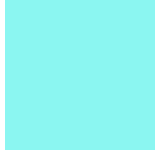
Protanomaly

61.7964, 75.5125, 70.3498



Deuteranomaly

64.4382, 74.9676, 79.4806



Tritanomaly

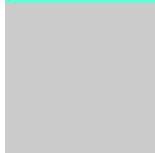
59.4804, 77.7514, 95.0917

Monochromacy



Original Color

52.9005, 78.9094, 78.0885



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

52.6107, 64.5831, 69.3674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9005, 78.9094, 78.0885 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(94, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 217)  
}
```

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(94, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.9005, 78.9094, 78.0885 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(94, 255, 217) }
```


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

```
.border{ border-color:rgb(94, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 255, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 255, 217); box-shadow:4px 4px 4px 4px rgb(94, 255, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9005, 78.9094, 78.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 217) }
```

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

```
.background{ background-color: rgb(94, 255,  
217) }
```

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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