

Converting Colors

XYZ(44.0371, 54.9863, 97.8429)

Have a look what the booklet for
XYZ(44.0371, 54.9863, 97.8429)
contains.

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Color

**XYZ(43.9832, 54.9112,
97.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	56D2F9
RGB	86, 210, 249
RGB Percent	34%, 82%, 98%
CMY	0.6627, 0.1765, 0.0235
CMYK	0.65, 0.16, 0.00, 0.02
HSL	194°, 93%, 66%
HSV	194°, 65%, 98%
XYZ	43.9832, 54.9112, 97.9033
YIQ	177.3700, -86.4230, -14.1590

Conversions

Conversions Part 2

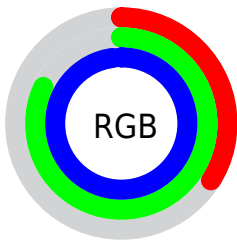
Format	Color
R _Y B	86, 156, 249
Decimal	5690105
CIE Lab	78.99, -22.70, -29.26
CIE LCh	79, 37.034, 232.198
Yxy	54.9112, 0.2235, 0.2790
Android (android.graphics.Color)	4283880185 (0xFF56D2F9)
YUV	177.3700, 35.3136, -80.1315
Hunter-Lab	74.1021, -23.7302, -26.4622

Details

The XYZ color **43.9832, 54.9112, 97.9033** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **48.0820, 35.4810, 13.1203**, and the grayscale version is **41.8391, 44.0180, 47.9356**.

A 20% lighter version of the original color is **66.5725, 85.3193, 107.5673**, and **21.2358, 27.2485, 54.0094** is the 20% darker color. If you saturate the color by 10%, you get **40.6339, 51.0425, 97.3341**, and if you desaturate by 10%, it is **48.1890, 59.3049, 98.5307**.

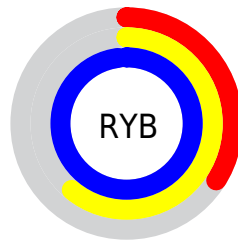
Distribution



Red (34%)

Green (82%)

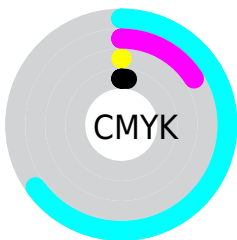
Blue (98%)



Red (34%)

Yellow (61%)

Blue (98%)

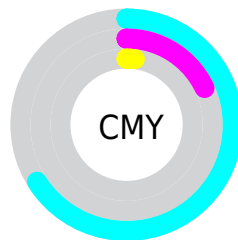


Cyan (65%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (66%)


Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9832, 54.9112, 97.9033 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 43.9832, 54.9112, 97.9033 by changing the saturation by 10% instead.


 43.9832, 54.9112,
97.9033


 43.9832, 54.9112,
97.9033


353.4931,
405.5752, 574.6385


 30.8552, 39.3306,
73.9436


 80.4390, 97.4108,
160.2995


 20.6399, 27.0170,
54.2513


 104.4974,
125.0987, 199.5730

 12.9720, 17.5860,
38.4081


 132.9300,
157.5911, 244.7883

 7.4861, 10.6532,
25.9953

 166.1021,
195.2725, 296.3637

 3.8169, 5.8341,
16.5944

204.3792,
238.5272, 354.7179

 1.5991, 2.7445,
9.7868

248.1264,

 0.3918, 0.9998,

287.7396, 420.2694

5.1541

297.7093,
343.2941, 493.4367

■ 0.0000, 0.0000,
2.2776

■ 0.0000, 0.0000,
0.7187

■ 43.9832, 54.9112,
97.9033

■ 43.9832, 54.9112,
97.9033

■ 40.6339, 51.0425,
97.3341

■ 48.1890, 59.3049,
98.5307

■ 38.0481, 47.6467,
96.8150

■ 53.3211, 64.2572,
99.2161

■ 36.1194, 44.6693,
96.3419

■ 59.4478, 69.8052,
99.9641

■ 35.3881, 43.4176,
96.1389

■ 66.6296, 75.9810,
100.7776

■ 74.9215, 82.8137,
101.6594

■ 84.3750, 90.3307,
102.6121

■ 93.0575, 97.5365,
103.5454

■ 94.0991, 99.6196,
103.8925

Harmonies

Analogous

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



40.1463, 54.9112, 76.4589



43.9832, 54.9112, 97.9033



50.2923, 54.9112, 109.6481

Triad

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



43.9832, 54.9112, 97.9033



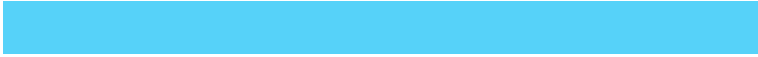
67.5175, 54.9112, 65.4660



47.0217, 54.9112, 29.5491

Complementary

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



43.9832, 54.9112, 97.9033



48.0820, 35.4810, 13.1203

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.



54.1378, 54.9112, 27.9351



43.9832, 54.9112, 97.9033



66.4329, 54.9112, 45.7372

Square

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



43.9832, 54.9112, 97.9033



64.2003, 54.9112, 88.2545



61.3622, 54.9112, 33.1264



41.7821, 54.9112, 38.2149

Rectangle

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



43.9832, 54.9112, 97.9033



55.2413, 54.9112, 108.8407



61.3622, 54.9112, 33.1264



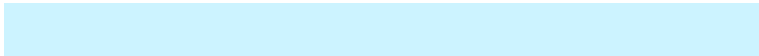
49.2560, 54.9112, 28.2616

Sweetspot

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



43.9850, 54.9132, 97.9046



74.9419, 84.0374, 106.8787



41.3553, 71.1873, 30.6431



15.5205, 17.5572, 22.8208



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.



43.9850, 54.9132, 97.9046



41.8117, 52.5208, 102.5416



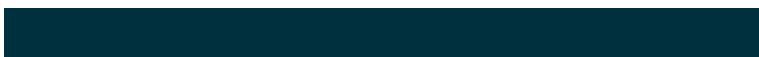
28.8504, 24.6440, 92.8598



17.3933, 18.8634, 22.1096



19.0581, 23.4718, 51.4996



1.8466, 2.3369, 4.7969

Inverse Universe

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



54.0291, 31.4503, 64.1976



53.7764, 28.3519, 61.5417



62.7074, 64.7318, 17.9954



17.8051, 17.4494, 20.8291



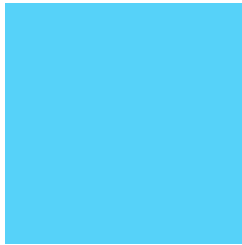
25.9117, 12.7804, 27.3071



2.4410, 1.2001, 2.7457

Previews

White Background



This preview shows how the XYZ color 43.9832, 54.9112, 97.9033 looks on a white background.

Color Contrast Check

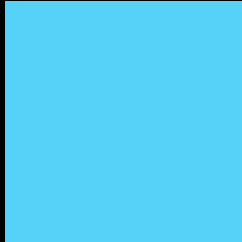
Large Text (above 18pt) WCAG AA × Fail

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 43.9832, 54.9112, 97.9033 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 43.9832, 54.9112, 97.9033

Background



This preview shows how black text looks on a background with the XYZ color 43.9832, 54.9112, 97.9033.



This preview shows how white text looks on a background with the XYZ color 43.9832, 54.9112,

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

43.9832, 54.9112, 97.9033

Protanopia

53.9029, 54.0040, 87.7036

Deuteranopia

55.4165, 54.1772, 100.4650



Tritanopia

41.0577, 54.8382, 83.2838

Trichromacy



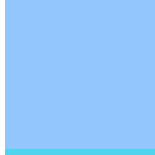
Original Color

43.9832, 54.9112, 97.9033



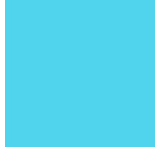
Protanomaly

48.5134, 53.4936, 90.9875



Deuteranomaly

49.6188, 53.5274, 99.8121



Tritanomaly

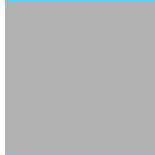
42.1378, 54.9069, 88.4980

Monochromacy



Original Color

43.9832, 54.9112, 97.9033



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

40.4787, 46.6363, 63.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9832, 54.9112, 97.9033 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(86, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(86, 210, 249)  
}
```

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(86, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 210, 249) }
```

Border

The CSS property to change the border of an element to XYZ 43.9832, 54.9112, 97.9033 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(86, 210, 249) }
```


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

```
.border{ border-color:rgb(86, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(86, 210,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9832, 54.9112, 97.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 210, 249) }
```

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

```
.background{ background-color: rgb(86, 210,  
249) }
```

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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