

Converting Colors

XYZ(54.6989, 58.4764,
101.9588)

Have a look what the booklet for
XYZ(54.6989, 58.4764, 101.9588)
contains.

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Color

**XYZ(54.8250, 58.6049,
102.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CDFE
RGB	163, 205, 254
RGB Percent	64%, 80%, 100%
CMY	0.3608, 0.1961, 0.0039
CMYK	0.36, 0.19, 0.00, 0.00
HSL	212°, 98%, 82%
HSV	212°, 36%, 100%
XYZ	54.8250, 58.6049, 102.1882
YIQ	198.0280, -40.7610, 6.3350

Conversions

Conversions Part 2

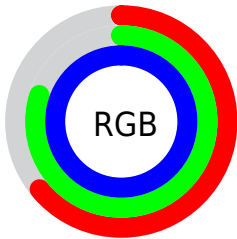
Format	Color
R _Y B	163, 192, 254
Decimal	10735102
CIE Lab	81.07, -2.21, -28.45
CIE LCh	81, 28.531, 265.561
Yxy	58.6049, 0.2543, 0.2718
Android (android.graphics.Color)	4288925182 (0xFFA3CDFE)
YUV	198.0280, 27.5942, -30.7196
Hunter-Lab	76.5538, -6.1342, -25.5558

Details

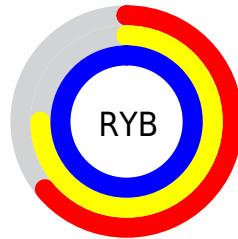
The XYZ color **54.8250, 58.6049, 102.1882** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.0287, 70.8035, 44.5752**, and the grayscale version is **53.5505, 56.3393, 61.3535**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **27.3290, 29.3526, 57.0485** is the 20% darker color. If you saturate the color by 10%, you get **47.0076, 49.9297, 100.9268**, and if you desaturate by 10%, it is **63.9766, 68.3951, 103.5966**.

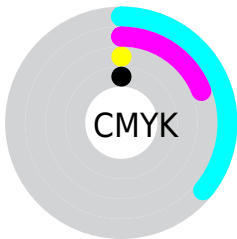
Distribution



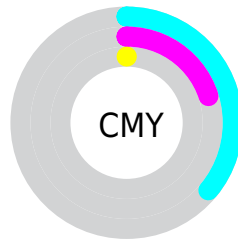
- Red (64%)
- Green (80%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8250, 58.6049, 102.1882 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 54.8250, 58.6049, 102.1882 by changing the saturation by 10% instead.

■ 54.8250, 58.6049,
102.1882

■ 54.8250, 58.6049,
102.1882

395.3954,
419.4362, 588.4922

■ 39.4949, 42.2951,
77.5022

■ 96.4343, 102.8032,
166.2391

■ 27.3274, 29.3325,
57.1511

■ 123.4443,
131.4606, 206.4410

■ 17.9571, 19.3325,
40.7164

155.0782,
165.0026, 252.6521

■ 11.0187, 11.9108,
27.7795

191.7015,
203.8136, 305.2907

■ 6.1468, 6.6829,
17.9219

233.6796,
248.2781, 364.7755

■ 2.9761, 3.2646,
10.7251

281.3776,

■ 1.1411, 1.2714,

298.7804, 431.5250

5.7705

335.1611,
355.7050, 505.9577

■ 0.0591, 0.1189,
2.6395

■ 0.0000, 0.0000,
0.9127

■ 54.8250, 58.6049,
102.1882

■ 54.8250, 58.6049,
102.1882

■ 47.0076, 49.9297,
100.9268

■ 63.9766, 68.3951,
103.5966

■ 40.4485, 42.3156,
99.8028

■ 74.5214, 79.3371,
105.1528

■ 35.0724, 35.7140,
98.8119

■ 86.5214, 91.4744,
106.8631

■ 30.7927, 30.0682,
97.9477

94.8896, 99.9358,
108.0553

■ 27.5089, 25.3143,
97.2032

■ 25.0983, 21.3760,
96.5701

■ 24.2781, 19.9328,
96.3348

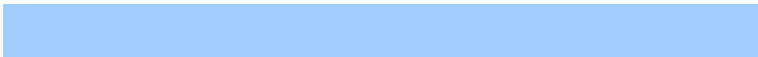
Harmonies

Analogous

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



49.5037, 58.6049, 94.6849



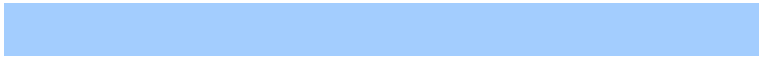
54.8250, 58.6049, 102.1882



60.7647, 58.6049, 98.0086

Triad

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



54.8250, 58.6049, 102.1882



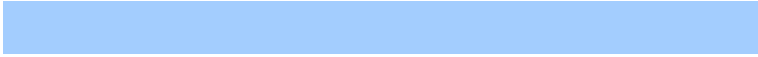
66.6266, 58.6049, 50.7408



46.8235, 58.6049, 47.0781

Complementary

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



54.8250, 58.6049, 102.1882



71.0287, 70.8035, 44.5752

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.



50.9290, 58.6049, 38.6671



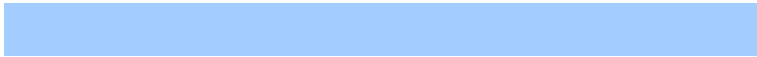
54.8250, 58.6049, 102.1882



62.3977, 58.6049, 40.5040

Square

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



54.8250, 58.6049, 102.1882



67.8522, 58.6049, 66.3698



56.5887, 58.6049, 36.4922



45.0968, 58.6049, 61.3184

Rectangle

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



54.8250, 58.6049, 102.1882



64.2403, 58.6049, 89.4938



56.5887, 58.6049, 36.4922



47.9563, 58.6049, 43.5816

Sweetspot

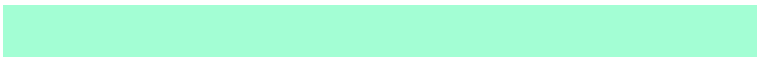
The Sweet Spot groups the original color and five complimentary colors.



54.8269, 58.6072, 102.1896



80.8424, 85.8019, 106.9083



62.3725, 83.4015, 74.7916



16.9559, 18.0128, 22.8331



0.0000, 0.0000, 0.0000



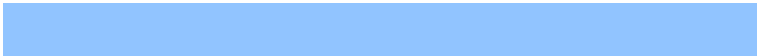
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8269, 58.6072, 102.1896



49.5194, 52.7327, 102.1762



46.7213, 41.4628, 99.3076



17.6939, 18.7594, 22.9383



12.9435, 10.7966, 50.8363



1.3681, 1.2670, 4.9857

Inverse Universe

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



64.9913, 51.6749, 64.3087



61.3780, 45.6016, 57.7668



81.8256, 94.0322, 48.4897



18.3581, 18.1266, 20.5031



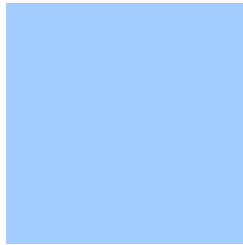
23.3215, 11.8179, 10.3433



2.3252, 1.1724, 1.2938

Previews

White Background



This preview shows how the XYZ color 54.8250, 58.6049, 102.1882 looks on a white background.

Color Contrast Check

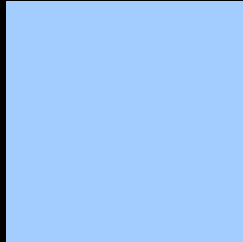
Large Text (above 18pt) WCAG AA × Fail

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 54.8250, 58.6049, 102.1882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

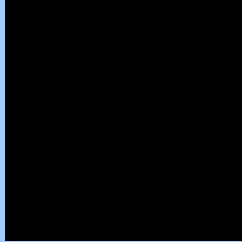
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

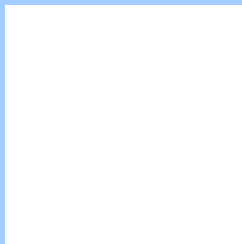
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8250, 58.6049, 102.1882

Background



This preview shows how black text looks on a background with the XYZ color 54.8250, 58.6049, 102.1882.



This preview shows how white text looks on a background with the XYZ color 54.8250, 58.6049,

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

54.8250, 58.6049, 102.1882

Protanopia

58.6650, 58.5678, 98.6552

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

50.6220, 58.7072, 81.3366

Trichromacy



Original Color

54.8250, 58.6049, 102.1882

Protanomaly

57.1216, 58.4416, 99.5365

Deuteranomaly

57.7603, 58.3523, 102.8266

Tritanomaly

52.1400, 58.5971, 88.6831

Monochromacy



Original Color

54.8250, 58.6049, 102.1882

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5491, 57.1495, 74.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8250, 58.6049, 102.1882 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(163, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 254)  
}
```

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(163, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 254) }
```

Border

The CSS property to change the border of an element to XYZ 54.8250, 58.6049, 102.1882 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(163, 205, 254) }
```


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

```
.border{ border-color:rgb(163, 205, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 205, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 205, 254); box-shadow:4px 4px 4px 4px rgb(163, 205, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8250, 58.6049, 102.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 254) }
```

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

```
.background{ background-color: rgb(163,  
205, 254) }
```

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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