

Converting Colors

XYZ(63.8429, 59.4306,
151.8967)

Have a look what the booklet for
XYZ(63.8429, 59.4306, 151.8967)
contains.

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Color

**XYZ(54.3784, 55.5875,
102.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C5FF
RGB	169, 197, 255
RGB Percent	66%, 77%, 100%
CMY	0.3372, 0.2274, 0.0000
CMYK	0.34, 0.23, 0.00, 0.00
HSL	220°, 100%, 83%
HSV	220°, 34%, 100%
XYZ	54.3784, 55.5875, 102.4712
YIQ	195.2400, -35.3060, 12.1020

Conversions

Conversions Part 2

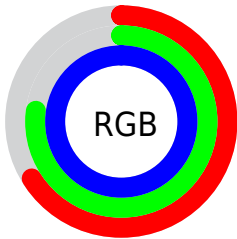
Format	Color
R _Y B	169, 190, 255
Decimal	11126271
CIE Lab	79.38, 3.97, -31.55
CIE LCh	79, 31.797, 277.166
Yxy	55.5875, 0.2560, 0.2617
Android (android.graphics.Color)	4289316351 (0xFFA9C5FF)
YUV	195.2400, 29.4617, -23.0125
Hunter-Lab	74.5570, -0.2853, -29.2983

Details

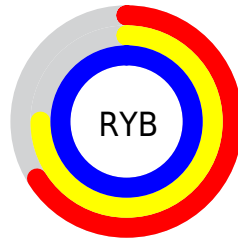
The XYZ color **54.3784, 55.5875, 102.4712** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.8708, 79.0629, 48.7997**, and the grayscale version is **51.8611, 54.5619, 59.4180**.

A 20% lighter version of the original color is **84.8558, 94.2724, 108.3317**, and **26.9549, 27.2995, 57.2747** is the 20% darker color. If you saturate the color by 10%, you get **45.7473, 45.6691, 101.0116**, and if you desaturate by 10%, it is **64.5251, 66.9510, 104.1297**.

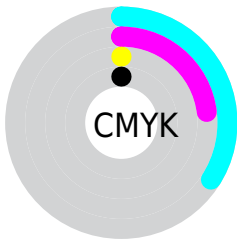
Distribution



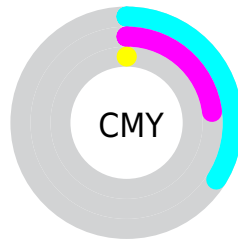
- Red (66%)
- Green (77%)
- Blue (100%)



- Red (66%)
- Yellow (75%)
- Blue (100%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3784, 55.5875, 102.4712 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 54.3784, 55.5875, 102.4712 by changing the saturation by 10% instead.

■ 54.3784, 55.5875,
102.4712

■ 54.3784, 55.5875,
102.4712

393.7262,
408.1351, 589.4011

■ 39.1361, 39.8723,
77.7376

■ 95.7833, 98.4012,
166.6305

■ 27.0469, 27.4390,
57.3433

122.6766,
126.2685, 206.8932

■ 17.7452, 17.9032,
40.8697

154.1843,
158.9552, 253.1694

■ 10.8658, 10.8805,
27.8984

190.6717,
196.8459, 305.8776

■ 6.0433, 5.9865,
18.0107

232.5043,
240.3248, 365.4363

■ 2.9123, 2.8369,
10.7881

280.0473,

■ 1.1076, 1.0472,

289.7764, 432.2641

5.8122

333.6662,
345.5850, 506.7795

■ 0.0314, 0.0000,
2.6643

■ 0.0000, 0.0000,
0.9254

■ 54.3784, 55.5875,
102.4712

■ 54.3784, 55.5875,
102.4712

■ 45.7473, 45.6691,
101.0116

■ 64.5251, 66.9510,
104.1297

■ 38.5496, 37.1276,
99.7423

■ 76.2538, 79.8112,
105.9938

■ 32.7025, 29.8982,
98.6551

■ 89.6329, 94.2248,
108.0708

■ 28.1122, 23.9078,
97.7407

■ 95.0500, 100.0000,
108.9000

■ 24.6710, 19.0744,
96.9892

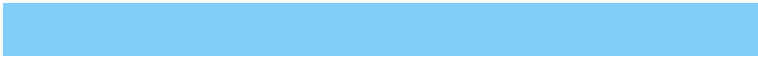
■ 22.2504, 15.3036,
96.3889

■ 21.1453, 13.4106,
96.0818

Harmonies

Analogous

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



48.2183, 55.5875, 98.9926



54.3784, 55.5875, 102.4712



60.5919, 55.5875, 93.0361

Triad

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



54.3784, 55.5875, 102.4712



63.2180, 55.5875, 41.6958



42.3219, 55.5875, 47.8976

Complementary

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



54.3784, 55.5875, 102.4712



75.8708, 79.0629, 48.7997

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.



45.7687, 55.5875, 36.6367



54.3784, 55.5875, 102.4712



57.7358, 55.5875, 33.5910

Square

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



54.3784, 55.5875, 102.4712



65.9550, 55.5875, 56.2502



51.3196, 55.5875, 31.9458



41.5803, 55.5875, 65.0118

Rectangle

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



54.3784, 55.5875, 102.4712



63.8190, 55.5875, 81.6274



51.3196, 55.5875, 31.9458



43.1884, 55.5875, 43.4149

Sweetspot

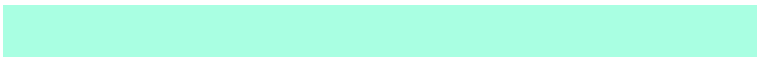
The Sweet Spot groups the original color and five complimentary colors.



54.3800, 55.5896, 102.4715



81.0400, 84.9946, 106.7421



65.8964, 85.4648, 85.2157



16.9535, 17.7682, 22.7860



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.



54.3800, 55.5896, 102.4715



48.7902, 49.1990, 101.5326



51.8472, 45.7058, 100.6972



17.4859, 18.3435, 22.8690



11.1689, 7.2473, 50.2448



1.1820, 0.8948, 4.9237

Inverse Universe

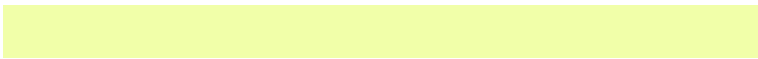
The Inverse Universe completely reimagines the original color for something new.



65.5071, 53.6687, 59.7320



61.5166, 47.5966, 52.5167



79.0839, 93.0270, 51.3257



18.2532, 18.0846, 19.9503



22.4257, 11.4596, 5.6263



2.2312, 1.1349, 0.7991

Previews

White Background



This preview shows how the XYZ color 54.3784, 55.5875, 102.4712 looks on a white background.

Color Contrast Check

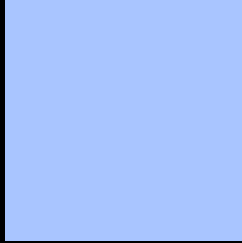
Large Text (above 18pt) WCAG AA × Fail

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 54.3784, 55.5875, 102.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

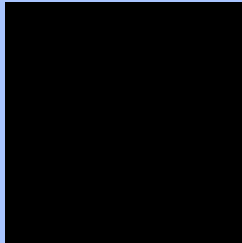
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

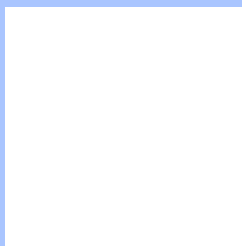
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3784, 55.5875, 102.4712

Background



This preview shows how black text looks on a background with the XYZ color 54.3784, 55.5875, 102.4712.



This preview shows how white text looks on a background with the XYZ color 54.3784, 55.5875,

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

54.3784, 55.5875, 102.4712

Protanopia

56.0775, 55.4992, 100.6853

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

48.9721, 55.4562, 75.8332

Trichromacy



Original Color

54.3784, 55.5875, 102.4712

Protanomaly

55.5360, 55.5331, 101.5578

Deuteranomaly

55.7019, 55.2686, 102.3398

Tritanomaly

50.9045, 55.5490, 85.1299

Monochromacy



Original Color

54.3784, 55.5875, 102.4712

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5140, 54.9287, 73.4802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3784, 55.5875, 102.4712 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(169, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 197, 255)  
}
```

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(169, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3784, 55.5875, 102.4712 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(169, 197, 255) }
```


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

```
.border{ border-color:rgb(169, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3784, 55.5875, 102.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 197, 255) }
```

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

```
.background{ background-color: rgb(169,  
197, 255) }
```

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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