

Converting Colors

XYZ(54.8955, 58.4711,
100.6328)

Have a look what the booklet for
XYZ(54.8955, 58.4711, 100.6328)
contains.

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Color

**XYZ(54.6806, 58.2133,
100.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CCFC
RGB	165, 204, 252
RGB Percent	65%, 80%, 99%
CMY	0.3529, 0.2000, 0.0118
CMYK	0.35, 0.19, 0.00, 0.01
HSL	213°, 94%, 82%
HSV	213°, 35%, 99%
XYZ	54.6806, 58.2133, 100.4498
YIQ	197.8110, -38.6520, 6.6600

Conversions

Conversions Part 2

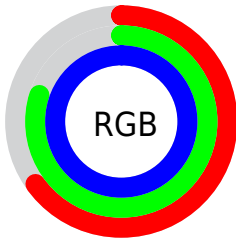
Format	Color
RYB	165, 192, 252
Decimal	10865916
CIELab	80.86, -1.64, -27.70
CIElCh	81, 27.750, 266.612
Yxy	58.2133, 0.2563, 0.2729
Android (android.graphics.Color)	4289055996 (0xFFA5CCFC)
YUV	197.8110, 26.7152, -28.7752
Hunter-Lab	76.2976, -5.5944, -24.6500

Details

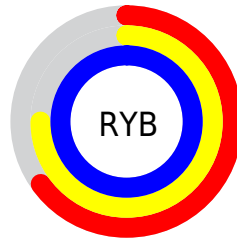
The XYZ color **54.6806, 58.2133, 100.4498** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7319, 71.0017, 45.5759**, and the grayscale version is **53.4231, 56.2053, 61.2075**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.1871, 29.0678, 55.8075** is the 20% darker color. If you saturate the color by 10%, you get **46.7883, 49.4572, 99.1767**, and if you desaturate by 10%, it is **63.9044, 68.0963, 101.8723**.

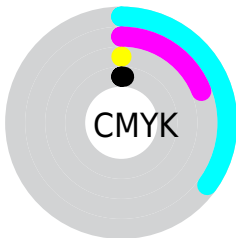
Distribution



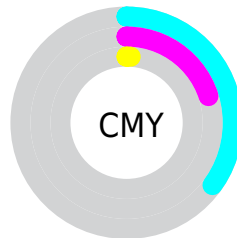
- Red (65%)
- Green (80%)
- Blue (99%)



- Red (65%)
- Yellow (75%)
- Blue (99%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6806, 58.2133, 100.4498 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 54.6806, 58.2133, 100.4498 by changing the saturation by 10% instead.

■ 54.6806, 58.2133,
100.4498

■ 54.6806, 58.2133,
100.4498

394.8562,
417.9803, 582.8928

■ 39.3789, 41.9802,
76.0573

■ 96.2239, 102.2334,
163.8324

■ 27.2367, 29.0858,
55.9725

■ 123.1962,
130.7892, 203.6596

■ 17.8885, 19.1457,
39.7770

154.7893,
164.2212, 249.4688

■ 10.9692, 11.7756,
27.0523

191.3688,
202.9140, 301.6784

■ 6.1133, 6.5911,
17.3797

233.2998,
247.2519, 360.7071

■ 2.9554, 3.2077,
10.3408

280.9478,

■ 1.1302, 1.2411,

297.6193, 426.9734

5.5169

334.6782,
354.4007, 500.8957

■ 0.0502, 0.0949,
2.4897

■ 0.0000, 0.0000,
0.8347

■ 54.6806, 58.2133,
100.4498

■ 54.6806, 58.2133,
100.4498

■ 46.7883, 49.4572,
99.1767

■ 63.9044, 68.0963,
101.8723

■ 40.1531, 41.7744,
98.0435

■ 74.5173, 79.1431,
103.4452

■ 34.7017, 35.1165,
97.0457

■ 86.5802, 91.3969,
105.1746

■ 30.3498, 29.4277,
96.1770

■ 94.5709, 99.8084,
106.3770

■ 27.0003, 24.6450,
95.4304

■ 24.5359, 20.6940,
94.7977

■ 23.4725, 18.8316,
94.4942

Harmonies

Analogous

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



49.4777, 58.2133, 93.5984



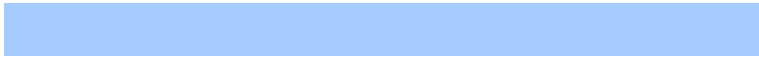
54.6806, 58.2133, 100.4498



60.4211, 58.2133, 96.0405

Triad

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



54.6806, 58.2133, 100.4498



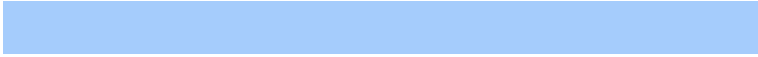
65.7923, 58.2133, 50.2572



46.6193, 58.2133, 47.5373

Complementary

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



54.6806, 58.2133, 100.4498



70.7319, 71.0017, 45.5759

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.



50.5333, 58.2133, 39.1227



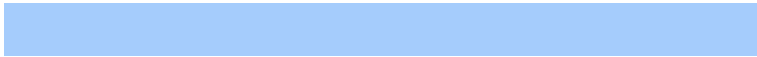
54.6806, 58.2133, 100.4498



61.6264, 58.2133, 40.4920

Square

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



54.6806, 58.2133, 100.4498



67.0911, 58.2133, 65.2699



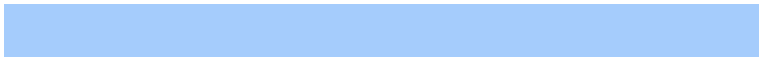
55.9845, 58.2133, 36.7841



45.0306, 58.2133, 61.5355

Rectangle

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



54.6806, 58.2133, 100.4498



63.7418, 58.2133, 87.6625



55.9845, 58.2133, 36.7841



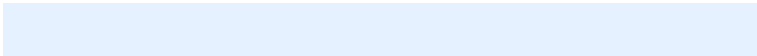
47.6929, 58.2133, 44.0618

Sweetspot

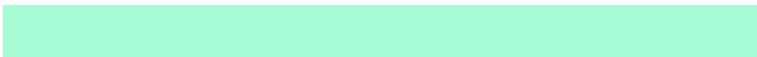
The Sweet Spot groups the original color and five complimentary colors.



54.6825, 58.2156, 100.4512



81.9578, 86.8303, 107.0480



62.3202, 82.4180, 75.4763



17.1748, 18.2109, 22.8598



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.



54.6825, 58.2156, 100.4512



50.7493, 53.8240, 102.3220



47.4649, 42.4142, 97.7816



16.9237, 17.9242, 21.9530



12.3692, 10.0940, 49.2700



1.2497, 1.1430, 4.5979

Inverse Universe

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



64.5007, 51.9672, 63.7601



62.3329, 47.2624, 58.8520



80.1906, 92.2311, 49.1751



17.5680, 17.3546, 19.5809



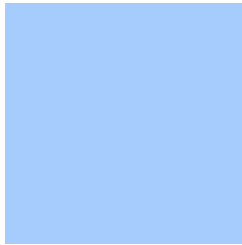
22.5354, 11.4299, 9.5279



2.1397, 1.0796, 1.1591

Previews

White Background



This preview shows how the XYZ color 54.6806, 58.2133, 100.4498 looks on a white background.

Color Contrast Check

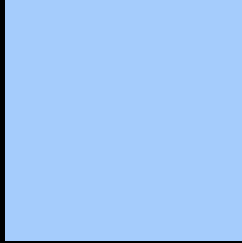
Large Text (above 18pt) WCAG AA × Fail

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 54.6806, 58.2133, 100.4498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

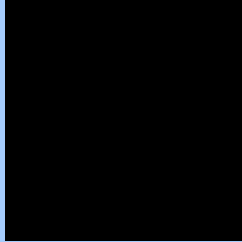
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

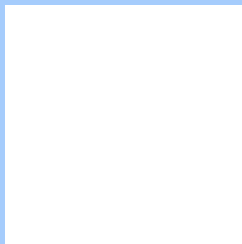
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6806, 58.2133, 100.4498

Background



This preview shows how black text looks on a background with the XYZ color 54.6806, 58.2133, 100.4498.



This preview shows how white text looks on a background with the XYZ color 54.6806, 58.2133,

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

54.6806, 58.2133, 100.4498

Protanopia

57.8764, 57.8568, 96.9240

Deuteranopia

59.3675, 57.8421, 101.8016



Tritanopia

50.6891, 58.4081, 79.8365

Trichromacy



Original Color

54.6806, 58.2133, 100.4498

Protanomaly

56.5756, 57.8514, 97.8071

Deuteranomaly

57.4445, 57.8838, 101.0735

Tritanomaly

52.0062, 58.2009, 87.0901

Monochromacy



Original Color

54.6806, 58.2133, 100.4498

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5589, 56.8096, 74.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6806, 58.2133, 100.4498 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(165, 204, 252)` looks like.

```
.text, #text, p{  
    color:rgb(165, 204, 252)  
}
```

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(165, 204, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 204, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.6806, 58.2133, 100.4498 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(165, 204, 252) }
```


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

```
.border{ border-color:rgb(165, 204, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 204, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 204, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 204, 252);  
box-shadow:4px 4px 4px 4px rgb(165, 204,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6806, 58.2133, 100.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 204, 252) }
```

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

```
.background{ background-color: rgb(165,  
204, 252) }
```

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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