

Converting Colors

XYZ(54.7747, 63.2522,
101.4188)

Have a look what the booklet for
XYZ(54.7747, 63.2522, 101.4188)
contains.

XYZ(54.8548, 63.4670, 101.4547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.8548, 63.4670,
101.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	94DAFC
RGB	148, 218, 252
RGB Percent	58%, 85%, 99%
CMY	0.4196, 0.1451, 0.0118
CMYK	0.41, 0.13, 0.00, 0.01
HSL	200°, 95%, 78%
HSV	200°, 41%, 99%
XYZ	54.8548, 63.4670, 101.4547
YIQ	200.9460, -52.6340, -4.2660

Conversions

Conversions Part 2

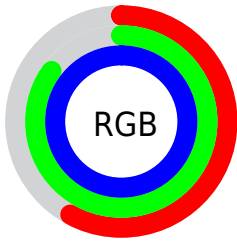
Format	Color
R _{YB}	148, 190, 252
Decimal	9755388
CIE Lab	83.69, -13.40, -23.47
CIE LCh	84, 27.024, 240.279
Yxy	63.4670, 0.2496, 0.2888
Android (android.graphics.Color)	4287945468 (0xFF94DAFC)
YUV	200.9460, 25.1696, -46.4336
Hunter-Lab	79.6662, -16.5082, -19.7394

Details

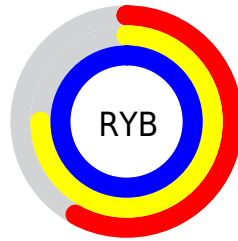
The XYZ color **54.8548, 63.4670, 101.4547** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.2193, 56.2906, 35.6046**, and the grayscale version is **55.3580, 58.2409, 63.4243**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **27.2619, 32.3587, 56.4388** is the 20% darker color. If you saturate the color by 10%, you get **48.7001, 57.2024, 100.5710**, and if you desaturate by 10%, it is **62.1119, 70.4603, 102.4232**.

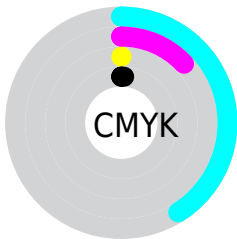
Distribution



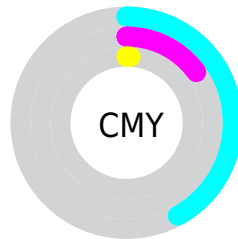
- Red (58%)
- Green (85%)
- Blue (99%)



- Red (58%)
- Yellow (75%)
- Blue (99%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8548, 63.4670, 101.4547 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 54.8548, 63.4670, 101.4547 by changing the saturation by 10% instead.

■ 54.8548, 63.4670,
101.4547

■ 54.8548, 63.4670,
101.4547

395.5067,
437.2623, 586.1330

■ 39.5189, 46.2191,
76.8923

■ 96.4777, 109.8430,
165.2241

■ 27.3461, 32.4188,
56.6535

■ 123.4955,
139.7398, 205.2683

■ 17.9713, 21.6816,
40.3196

155.1378,
174.6218, 251.3101

■ 11.0289, 13.6231,
27.4721

191.7702,
214.8733, 303.7681

■ 6.1537, 7.8590,
17.6926

233.7579,
260.8787, 363.0608

■ 2.9803, 4.0049,
10.5623

281.4663,

■ 1.1434, 1.6763,

313.0224, 429.6069

5.6629

335.2608,
371.6889, 503.8248

■ 0.0609, 0.4082,
2.5758

■ 0.0000, 0.0000,
0.8799

■ 54.8548, 63.4670,
101.4547

■ 54.8548, 63.4670,
101.4547

■ 48.7001, 57.2024,
100.5710

■ 62.1119, 70.4603,
102.4232

■ 43.5751, 51.6227,
99.7642

■ 70.5261, 78.2086,
103.4753

■ 39.4076, 46.6897,
99.0316

■ 80.1553, 86.7452,
104.6155

■ 36.1123, 42.3569,
98.3690

■ 91.0518, 96.0994,
105.8467

■ 33.5871, 38.5695,
97.7710

94.5709, 99.8084,
106.3771

■ 31.8745, 35.6355,
97.2950

Harmonies

Analogous

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



51.0186, 63.4670, 86.8778



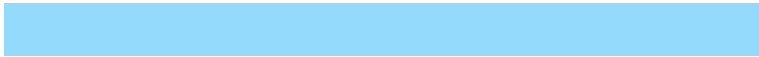
54.8548, 63.4670, 101.4547



60.3789, 63.4670, 107.0946

Triad

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



54.8548, 63.4670, 101.4547



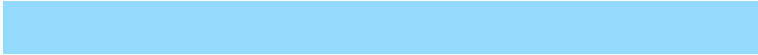
72.4359, 63.4670, 68.9461



54.7647, 63.4670, 44.6043

Complementary

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



54.8548, 63.4670, 101.4547



62.2193, 56.2906, 35.6046

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.



60.2680, 63.4670, 41.3651



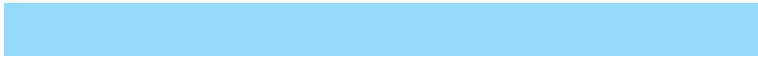
54.8548, 63.4670, 101.4547



70.6961, 63.4670, 53.9377

Square

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



54.8548, 63.4670, 101.4547



70.7577, 63.4670, 86.5578



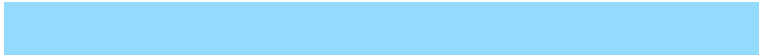
66.1441, 63.4670, 44.4858



50.9690, 63.4670, 54.1712

Rectangle

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



54.8548, 63.4670, 101.4547



64.3549, 63.4670, 104.4121



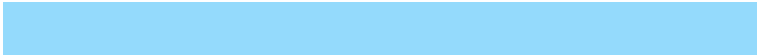
66.1441, 63.4670, 44.4858



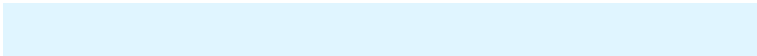
56.4640, 63.4670, 42.8166

Sweetspot

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



54.8568, 63.4694, 101.4562



81.5660, 88.4340, 107.3782



55.3583, 79.2516, 56.0614



17.1688, 18.6748, 22.9497



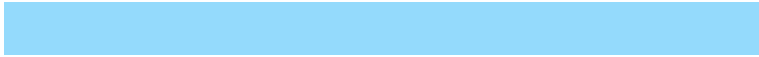
0.0000, 0.0000, 0.0000



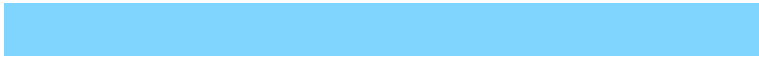
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8568, 63.4694, 101.4562



50.7517, 59.5197, 103.4213



43.6160, 40.9879, 97.7093



17.2596, 18.5961, 22.0650



16.7437, 18.8430, 50.7281



1.6473, 1.9384, 4.7305

Inverse Universe

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



63.3913, 46.9390, 72.0513



60.9449, 41.3885, 67.9400



74.6116, 81.0751, 39.7353



17.7376, 17.4224, 20.4739



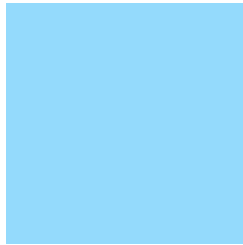
24.7435, 12.3131, 21.1554



2.3404, 1.1599, 2.2161

Previews

White Background



This preview shows how the XYZ color 54.8548, 63.4670, 101.4547 looks on a white background.

Color Contrast Check

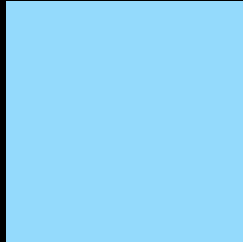
Large Text (above 18pt) WCAG AA × Fail

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 54.8548, 63.4670, 101.4547 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 54.8548, 63.4670, 101.4547

Background



This preview shows how black text looks on a background with the XYZ color 54.8548, 63.4670, 101.4547.

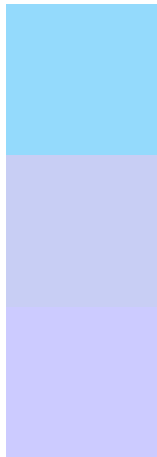


This preview shows how white text looks on a background with the XYZ color 54.8548, 63.4670,

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

54.8548, 63.4670, 101.4547

Protanopia

62.2199, 62.9536, 94.4599

Deuteranopia

64.3078, 62.7692, 103.3340



Tritanopia

52.5274, 63.2887, 90.3364

Trichromacy



Original Color

54.8548, 63.4670, 101.4547

Protanomaly

58.8911, 62.6323, 96.9810

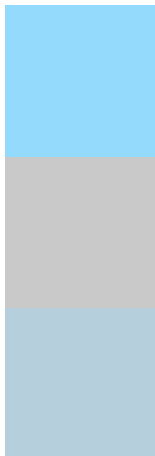
Deuteranomaly

60.2124, 62.4579, 102.6480

Tritanomaly

53.1862, 63.1538, 94.1807

Monochromacy



Original Color

54.8548, 63.4670, 101.4547

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5225, 59.7380, 76.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8548, 63.4670, 101.4547 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(148, 218, 252)` looks like.

```
.text, #text, p{  
    color:rgb(148, 218, 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(148, 218, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 218, 252) }
```

Border

The CSS property to change the border of an element to XYZ 54.8548, 63.4670, 101.4547 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(148, 218, 252) }
```


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

```
.border{ border-color:rgb(148, 218, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 218, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 218, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 218, 252);  
box-shadow:4px 4px 4px 4px rgb(148, 218,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8548, 63.4670, 101.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 218, 252) }
```

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

```
.background{ background-color: rgb(148,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor