

Converting Colors

XYZ(54.4425, 67.6474,
100.5481)

Have a look what the booklet for
XYZ(54.4425, 67.6474, 100.5481)
contains.

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Color

**XYZ(54.4806, 67.6866,
100.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	82E5FA
RGB	130, 229, 250
RGB Percent	51%, 90%, 98%
CMY	0.4902, 0.1019, 0.0196
CMYK	0.48, 0.08, 0.00, 0.02
HSL	190°, 92%, 75%
HSV	190°, 48%, 98%
XYZ	54.4806, 67.6866, 100.6359
YIQ	201.7930, -65.7450, -14.4570

Conversions

Conversions Part 2

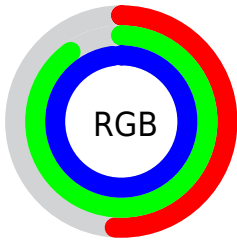
Format	Color
R_{YB}	130, 184, 250
Decimal	8578554
CIE _{Lab}	85.85, -23.67, -19.21
CIE _{LCh}	86, 30.484, 219.074
Yxy	67.6866, 0.2445, 0.3038
Android (android.graphics.Color)	4286768634 (0xFF82E5FA)
YUV	201.7930, 23.7661, -62.9625
Hunter-Lab	82.2719, -25.7727, -14.9339

Details

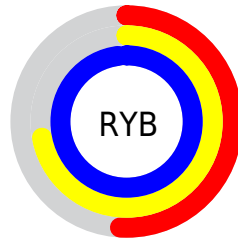
The XYZ color **54.4806, 67.6866, 100.6359** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.5217, 44.0705, 26.7540**, and the grayscale version is **55.8979, 58.8090, 64.0430**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **27.1354, 35.0474, 56.3736** is the 20% darker color. If you saturate the color by 10%, you get **49.9069, 63.5559, 100.0809**, and if you desaturate by 10%, it is **60.0204, 72.3637, 101.2479**.

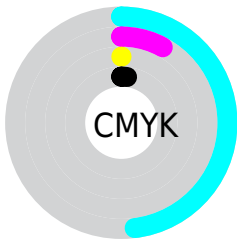
Distribution



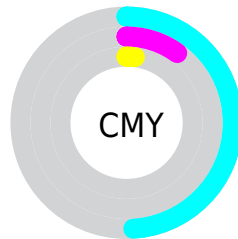
- Red (51%)
- Green (90%)
- Blue (98%)



- Red (51%)
- Yellow (72%)
- Blue (98%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4806, 67.6866, 100.6359 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 54.4806, 67.6866, 100.6359 by changing the saturation by 10% instead.

54.4806, 67.6866,
100.6359

54.4806, 67.6866,
100.6359

394.1086,
452.3848, 583.4936

39.2182, 49.6428,
76.2119

95.9323, 115.9037,
164.0903

27.1110, 35.1297,
56.0986

122.8523,
146.8458, 203.9577

17.7936, 23.7628,
39.8774

154.3890,
182.8561, 249.8100

10.9007, 15.1577,
27.1299

190.9076,
224.3190, 302.0657

6.0669, 8.9302,
17.4375

232.7735,
271.6190, 361.1434

2.9269, 4.6957,
10.3817

280.3520,

1.1152, 2.0698,

325.1403, 427.4616

5.5438

334.0086,
385.2675, 501.4388

■ 0.0378, 0.6476,
2.5055

■ 0.0000, 0.0000,
0.8431

■ 54.4806, 67.6866,
100.6359

■ 54.4806, 67.6866,
100.6359

■ 49.9069, 63.5559,
100.0809

■ 60.0204, 72.3637,
101.2479

■ 46.2243, 59.9279,
99.5747

■ 66.5821, 77.6117,
101.9150

■ 43.3564, 56.7646,
99.1153

■ 74.2243, 83.4627,
102.6416

■ 41.2110, 54.0181,
98.6982

■ 82.9996, 89.9440,
103.4301

■ 39.6626, 51.6232,
98.3176

■ 92.9544, 97.0800,
104.2828

■ 39.3881, 51.1674,
98.2440

■ 94.2556, 99.6822,
104.7165

Harmonies

Analogous

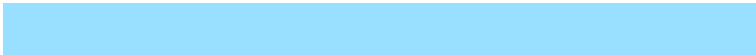
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9867, 67.6866, 79.9196



54.4806, 67.6866, 100.6359



59.6652, 67.6866, 115.6766

Triad

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



54.4806, 67.6866, 100.6359



77.6814, 67.6866, 88.2753



62.2436, 67.6866, 41.9237

Complementary

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



54.4806, 67.6866, 100.6359



54.5217, 44.0705, 26.7540

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.



69.2404, 67.6866, 43.3478



54.4806, 67.6866, 100.6359



78.4964, 67.6866, 67.8103

Square

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



54.4806, 67.6866, 100.6359



73.1567, 67.6866, 107.6924



75.3093, 67.6866, 52.0570



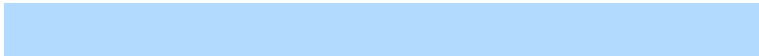
56.2510, 67.6866, 47.7375

Rectangle

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



54.4806, 67.6866, 100.6359



64.1177, 67.6866, 119.1226



75.3093, 67.6866, 52.0570



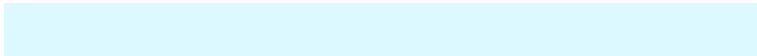
64.5509, 67.6866, 41.5982

Sweetspot

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



54.4827, 67.6892, 100.6375



81.1531, 89.9254, 107.6878



48.8983, 75.3206, 40.8174



16.9575, 18.9408, 23.0121



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.



54.4827, 67.6892, 100.6375



52.1778, 66.4567, 104.6851



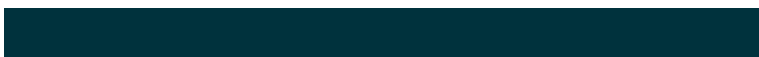
40.8379, 40.3996, 96.0892



17.4923, 19.0614, 22.1426



20.9876, 27.3307, 52.1427



2.0094, 2.6625, 4.8512

Inverse Universe

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



61.5517, 41.9484, 78.9842



60.6677, 37.4601, 78.2491



66.5018, 68.0308, 30.7473



17.8550, 17.4694, 21.0922



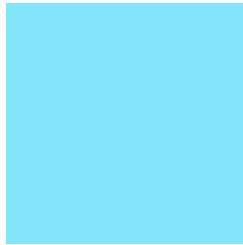
26.8856, 13.1700, 32.4356



2.5232, 1.2330, 3.1784

Previews

White Background



This preview shows how the XYZ color 54.4806, 67.6866, 100.6359 looks on a white background.

Color Contrast Check

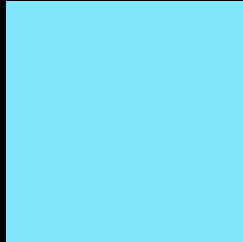
Large Text (above 18pt) WCAG AA × Fail

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 54.4806, 67.6866, 100.6359 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 54.4806, 67.6866, 100.6359

Background



This preview shows how black text looks on a background with the XYZ color 54.4806, 67.6866, 100.6359.

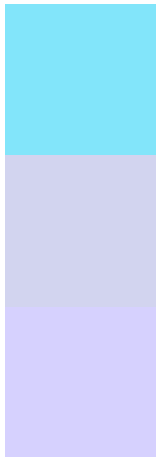


This preview shows how white text looks on a background with the XYZ color 54.4806, 67.6866,

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

54.4806, 67.6866, 100.6359

Protanopia

65.7018, 67.0206, 91.1348

Deuteranopia

68.4214, 67.0528, 103.1022



Tritanopia

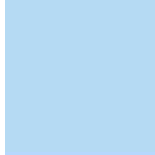
54.0158, 67.4831, 98.9855

Trichromacy



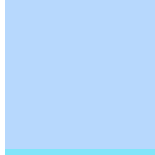
Original Color

54.4806, 67.6866, 100.6359



Protanomaly

60.3051, 66.4376, 94.4393



Deuteranomaly

61.8139, 66.2709, 102.4621



Tritanomaly

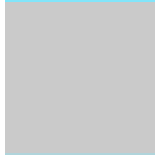
54.1715, 67.5453, 99.8049

Monochromacy



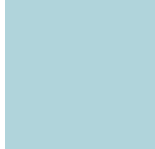
Original Color

54.4806, 67.6866, 100.6359



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.2342, 61.4315, 76.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4806, 67.6866, 100.6359 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(130, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(130, 229, 250)  
}
```

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(130, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 229, 250) }
```

Border

The CSS property to change the border of an element to XYZ 54.4806, 67.6866, 100.6359 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(130, 229, 250) }
```


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

```
.border{ border-color:rgb(130, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(130, 229,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4806, 67.6866, 100.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 229, 250) }
```

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

```
.background{ background-color: rgb(130,  
229, 250) }
```

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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