

Converting Colors

XYZ(54.3926, 65.6395,
104.4106)

Have a look what the booklet for
XYZ(54.3926, 65.6395, 104.4106)
contains.

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Color

**XYZ(54.3785, 65.5179,
104.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	85E0FF
RGB	133, 224, 255
RGB Percent	52%, 88%, 100%
CMY	0.4784, 0.1216, 0.0000
CMYK	0.48, 0.12, 0.00, 0.00
HSL	195°, 100%, 76%
HSV	195°, 48%, 100%
XYZ	54.3785, 65.5179, 104.3879
YIQ	200.3250, -64.1870, -9.6510

Conversions

Conversions Part 2

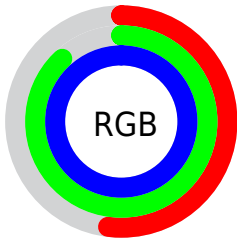
Format	Color
RYB	133, 185, 255
Decimal	8773887
CIELab	84.75, -19.19, -23.50
CIElCh	85, 30.339, 230.774
Yxy	65.5179, 0.2425, 0.2921
Android (android.graphics.Color)	4286963967 (0xFF85E0FF)
YUV	200.3250, 26.9548, -59.0440
Hunter-Lab	80.9431, -21.7322, -19.8029

Details

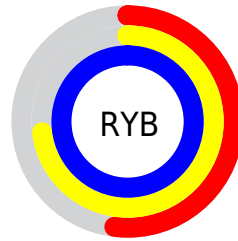
The XYZ color **54.3785, 65.5179, 104.3879** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **58.7497, 49.5050, 28.6512**, and the grayscale version is **54.9691, 57.8318, 62.9788**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **27.0535, 33.8309, 58.5302** is the 20% darker color. If you saturate the color by 10%, you get **49.1227, 60.2739, 103.6527**, and if you desaturate by 10%, it is **60.6815, 71.4031, 105.1917**.

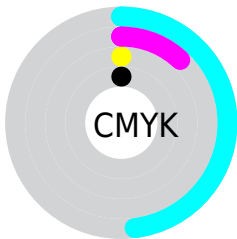
Distribution



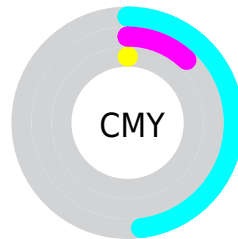
- Red (52%)
- Green (88%)
- Blue (100%)



- Red (52%)
- Yellow (73%)
- Blue (100%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3785, 65.5179, 104.3879 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 54.3785, 65.5179, 104.3879 by changing the saturation by 10% instead.

54.3785, 65.5179,
104.3879

54.3785, 65.5179,
104.3879

393.7265,
444.6507, 595.5373

39.1362, 47.8811,
79.3329

95.7834, 112.7941,
169.2785

27.0469, 33.7328,
58.6466

122.6767,
143.2024, 209.9511

17.7452, 22.6884,
41.9105

154.1845,
178.6366, 256.6666

10.8658, 14.3636,
28.7062

190.6720,
219.4811, 309.8437

6.0433, 8.3740,
18.6150

232.5046,
266.1204, 369.9007

2.9123, 4.3352,
11.2184

280.0476,

1.1076, 1.8628,

318.9389, 437.2563

6.0979

333.6665,
378.3208, 512.3290

■ 0.0314, 0.5258,
2.8350

■ 0.0000, 0.0000,
1.0110

■ 54.3785, 65.5179,
104.3879

■ 54.3785, 65.5179,
104.3879

■ 49.1227, 60.2739,
103.6527

■ 60.6815, 71.4031,
105.1917

■ 44.8358, 55.6253,
102.9814

■ 68.0915, 77.9572,
106.0662

■ 41.4371, 51.5310,
102.3703

■ 76.6703, 85.2144,
107.0148

■ 38.8294, 47.9397,
101.8145

■ 86.4733, 93.2044,
108.0404

■ 36.8828, 44.7832,
101.3078

95.0500, 100.0000,
108.9000

■ 36.5090, 44.1380,
101.2030

Harmonies

Analogous

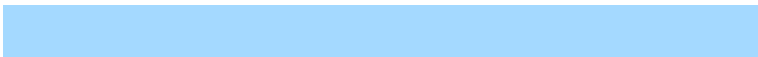
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8495, 65.5179, 85.4337



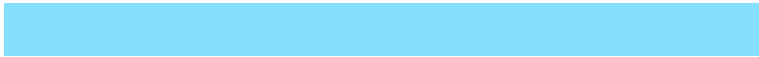
54.3785, 65.5179, 104.3879



60.2036, 65.5179, 114.9591

Triad

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



54.3785, 65.5179, 104.3879



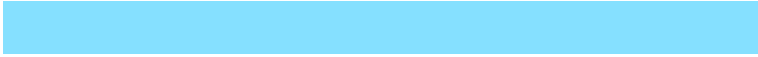
76.0643, 65.5179, 77.5002



57.7574, 65.5179, 41.7857

Complementary

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



54.3785, 65.5179, 104.3879



58.7497, 49.5050, 28.6512

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.



64.3889, 65.5179, 40.4378



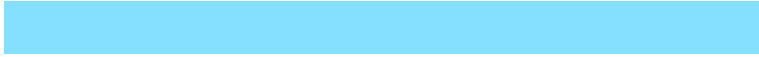
54.3785, 65.5179, 104.3879



75.2903, 65.5179, 58.8846

Square

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



54.3785, 65.5179, 104.3879



72.9403, 65.5179, 97.6823



70.8964, 65.5179, 46.1231



52.6996, 65.5179, 50.2149

Rectangle

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



54.3785, 65.5179, 104.3879



64.7446, 65.5179, 114.7183



70.8964, 65.5179, 46.1231



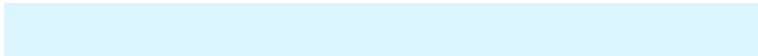
59.8647, 65.5179, 40.5580

Sweetspot

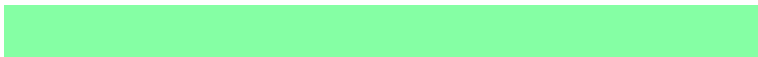
The Sweet Spot groups the original color and five complimentary colors.



54.3803, 65.5203, 104.3883



80.2881, 88.1952, 107.3995



52.0898, 79.1694, 47.4233



16.7452, 18.5161, 22.9414



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.



54.3803, 65.5203, 104.3883



49.5264, 60.6916, 103.7121



40.9105, 38.5807, 99.8983



18.1412, 19.6540, 23.0874



19.2026, 23.3149, 52.9227



1.9571, 2.4448, 5.1820

Inverse Universe

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



63.0833, 43.4185, 75.5794



59.4423, 37.4021, 70.4639



72.2646, 76.5348, 33.1561



18.5839, 18.2169, 21.6920



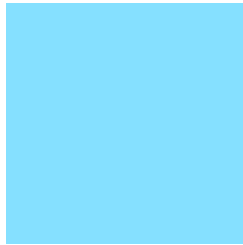
26.4808, 13.0816, 26.9801



2.6224, 1.2913, 2.8592

Previews

White Background



This preview shows how the XYZ color 54.3785, 65.5179, 104.3879 looks on a white background.

Color Contrast Check

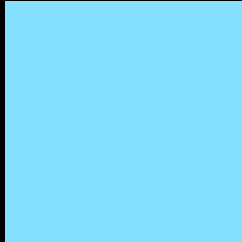
Large Text (above 18pt) WCAG AA × Fail

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 54.3785, 65.5179, 104.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

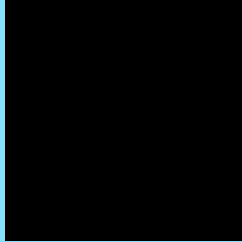
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3785, 65.5179, 104.3879

Background



This preview shows how black text looks on a background with the XYZ color 54.3785, 65.5179, 104.3879.

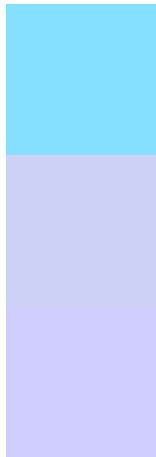


This preview shows how white text looks on a background with the XYZ color 54.3785, 65.5179,

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

54.3785, 65.5179, 104.3879

Protanopia

64.1837, 65.0309, 95.5556

Deuteranopia

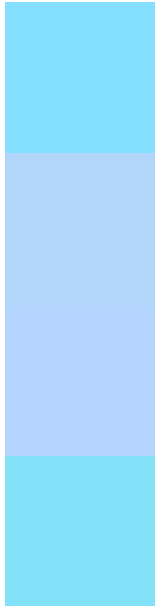
65.8534, 64.6280, 103.6113



Tritanopia

52.7314, 65.6702, 95.4843

Trichromacy



Original Color

54.3785, 65.5179, 104.3879

Protanomaly

59.5055, 64.3977, 98.9162

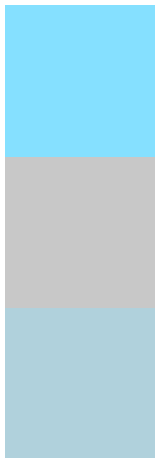
Deuteranomaly

60.6666, 64.5118, 103.8623

Tritanomaly

53.2286, 65.4530, 98.6352

Monochromacy



Original Color

54.3785, 65.5179, 104.3879

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6232, 59.9983, 76.4647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3785, 65.5179, 104.3879 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(133, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 224, 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(133, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3785, 65.5179, 104.3879 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(133, 224, 255) }
```


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

```
.border{ border-color:rgb(133, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3785, 65.5179, 104.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 224, 255) }
```

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

```
.background{ background-color: rgb(133,  
224, 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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