

Converting Colors

XYZ(53.9211, 66.1889,
104.5415)

Have a look what the booklet for
XYZ(53.9211, 66.1889, 104.5415)
contains.

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Color

**XYZ(53.8505, 66.0483,
104.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE2FF
RGB	126, 226, 255
RGB Percent	49%, 89%, 100%
CMY	0.5059, 0.1137, 0.0000
CMYK	0.51, 0.11, 0.00, 0.00
HSL	193°, 100%, 75%
HSV	193°, 51%, 100%
XYZ	53.8505, 66.0483, 104.5181
YIQ	199.4060, -68.9090, -12.1810

Conversions

Conversions Part 2

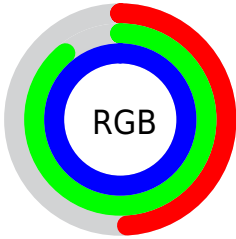
Format	Color
RYB	126, 182, 255
Decimal	8315647
CIELab	85.02, -21.70, -23.12
CIELCh	85, 31.708, 226.808
Yxy	66.0483, 0.2400, 0.2943
Android (android.graphics.Color)	4286505727 (0xFF7EE2FF)
YUV	199.4060, 27.4078, -64.3771
Hunter-Lab	81.2701, -23.9465, -19.3613

Details

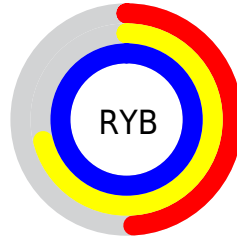
The XYZ color **53.8505, 66.0483, 104.5181** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **56.7280, 46.2099, 25.6701**, and the grayscale version is **54.4040, 57.2373, 62.3314**.

A 20% lighter version of the original color is **74.0597, 89.1791, 107.9177**, and **26.8059, 34.2598, 58.6261** is the 20% darker color. If you saturate the color by 10%, you get **49.0262, 61.2873, 103.8534**, and if you desaturate by 10%, it is **59.6888, 71.4123, 105.2458**.

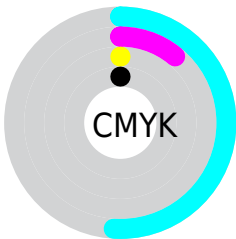
Distribution



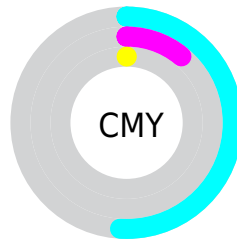
- Red (49%)
- Green (89%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8505, 66.0483, 104.5181 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 53.8505, 66.0483, 104.5181 by changing the saturation by 10% instead.

53.8505, 66.0483,
104.5181

53.8505, 66.0483,
104.5181

391.7473,
446.5496, 595.9530

38.7123, 48.3116,
79.4413

95.0129, 113.5557,
169.4582

26.7157, 34.0737,
58.7352

121.7678,
144.0951, 210.1585

17.4953, 22.9502,
41.9814

153.1257,
179.6709, 256.9038

10.6858, 14.5568,
28.7613

189.4520,
220.6676, 310.1125

5.9217, 8.5089,
18.6563

231.1119,
267.4693, 370.2033

2.8377, 4.4223,
11.2479

278.4709,

1.0685, 1.9125,

320.4607, 437.5946

6.1176

331.8942,
380.0260, 512.7050

■ 0.0000, 0.5559,
2.8468

■ 0.0000, 0.0000,
1.0169

■ 53.8505, 66.0483,
104.5181

■ 53.8505, 66.0483,
104.5181

■ 49.0262, 61.2873,
103.8534

■ 59.6888, 71.4123,
105.2458

■ 45.1354, 57.0827,
103.2469

■ 66.6026, 77.4074,
106.0385

■ 42.0943, 53.3920,
102.6948

■ 74.6547, 84.0681,
106.8998

■ 39.8005, 50.1616,
102.1922

■ 83.9014, 91.4243,
107.8323

■ 38.1708, 47.4615,
101.7569

94.3953, 99.5036,
108.8387

95.0500, 100.0000,
108.9000

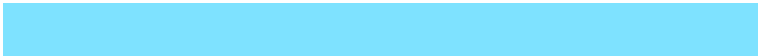
Harmonies

Analogous

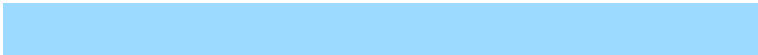
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.5427, 66.0483, 83.8806



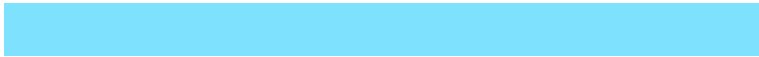
53.8505, 66.0483, 104.5181



59.6988, 66.0483, 117.3324

Triad

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



53.8505, 66.0483, 104.5181



77.0979, 66.0483, 81.2565



58.8943, 66.0483, 40.4891

Complementary

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



53.8505, 66.0483, 104.5181



56.7280, 46.2099, 25.6701

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.



65.9590, 66.0483, 40.0534



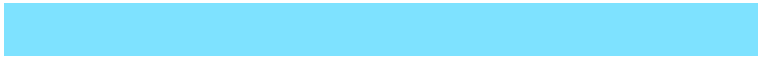
53.8505, 66.0483, 104.5181



76.8414, 66.0483, 61.1458

Square

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



53.8505, 66.0483, 104.5181



73.3154, 66.0483, 102.2862



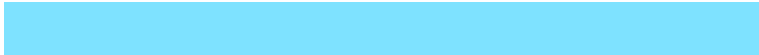
72.6390, 66.0483, 46.9134



53.3001, 66.0483, 48.2436

Rectangle

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



53.8505, 66.0483, 104.5181



64.4166, 66.0483, 118.3883



72.6390, 66.0483, 46.9134



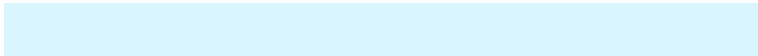
61.1653, 66.0483, 39.5414

Sweetspot

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



53.8524, 66.0507, 104.5185



79.6691, 88.0897, 107.4117



50.1940, 78.2876, 43.0175



16.6379, 18.5244, 22.9486



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.



53.8524, 66.0507, 104.5185



48.8470, 61.1024, 103.8272



39.6732, 37.6924, 99.7921



18.1882, 19.7480, 23.1031



20.0621, 25.0338, 53.2092



2.0343, 2.5992, 5.2078

Inverse Universe

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



62.4296, 41.6744, 76.7076



58.6674, 35.4383, 71.4820



70.1950, 73.1439, 30.1591



18.6076, 18.2264, 21.8170



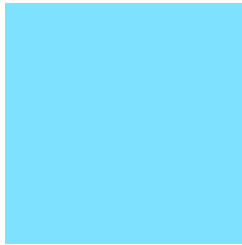
26.9146, 13.2551, 29.2646



2.6614, 1.3069, 3.0644

Previews

White Background



This preview shows how the XYZ color 53.8505, 66.0483, 104.5181 looks on a white background.

Color Contrast Check

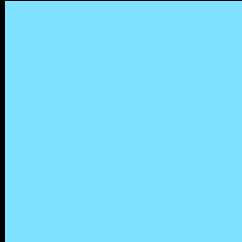
Large Text (above 18pt) WCAG AA × Fail

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 53.8505, 66.0483, 104.5181 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

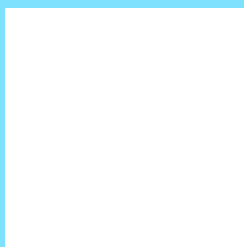
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8505, 66.0483, 104.5181

Background



This preview shows how black text looks on a background with the XYZ color 53.8505, 66.0483, 104.5181.

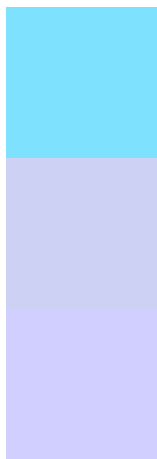


This preview shows how white text looks on a background with the XYZ color 53.8505, 66.0483,

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

53.8505, 66.0483, 104.5181

Protanopia

64.3064, 65.1117, 94.7665

Deuteranopia

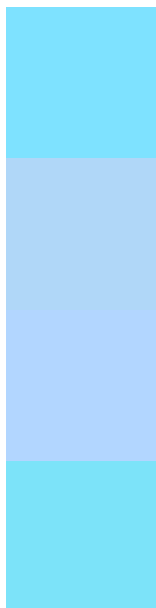
66.3752, 65.2555, 103.7050



Tritanopia

52.5463, 66.3516, 97.2264

Trichromacy



Original Color

53.8505, 66.0483, 104.5181

Protanomaly

59.1482, 64.6083, 98.1601

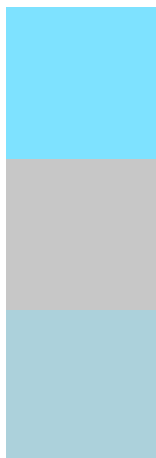
Deuteranomaly

60.4567, 64.7781, 103.9248

Tritanomaly

52.8801, 66.0628, 99.5869

Monochromacy



Original Color

53.8505, 66.0483, 104.5181

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.5999, 59.4861, 75.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8505, 66.0483, 104.5181 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(126, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 226, 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(126, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8505, 66.0483, 104.5181 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(126, 226, 255) }
```


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

```
.border{ border-color:rgb(126, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8505, 66.0483, 104.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 226, 255) }
```

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

```
.background{ background-color: rgb(126,  
226, 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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