

Converting Colors

XYZ(55.7185, 67.5305,
131.4589)

Have a look what the booklet for
XYZ(55.7185, 67.5305, 131.4589)
contains.

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Color

**XYZ(50.6854, 65.6383,
104.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE5FF
RGB	94, 229, 255
RGB Percent	37%, 90%, 100%
CMY	0.6313, 0.1019, 0.0000
CMYK	0.63, 0.10, 0.00, 0.00
HSL	190°, 100%, 68%
HSV	190°, 63%, 100%
XYZ	50.6854, 65.6383, 104.6058
YIQ	191.5990, -88.8060, -20.5340

Conversions

Conversions Part 2

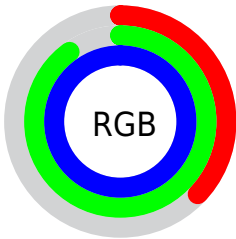
Format	Color
R _Y B	94, 167, 255
Decimal	6219263
CIE Lab	84.81, -29.07, -23.53
CIE LCh	85, 37.401, 218.992
Yxy	65.6383, 0.2294, 0.2971
Android (android.graphics.Color)	4284409343 (0xFF5EE5FF)
YUV	191.5990, 31.2567, -85.5943
Hunter-Lab	81.0175, -30.1090, -19.8401

Details

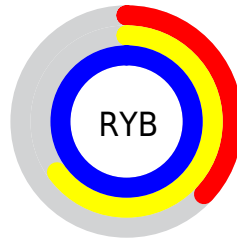
The XYZ color **50.6854, 65.6383, 104.6058** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **49.9779, 35.5026, 14.8103**, and the grayscale version is **49.7323, 52.3222, 56.9789**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **25.1366, 33.9644, 58.6570** is the 20% darker color. If you saturate the color by 10%, you get **47.3639, 62.2559, 104.1280**, and if you desaturate by 10%, it is **54.9010, 69.5244, 105.1337**.

Distribution



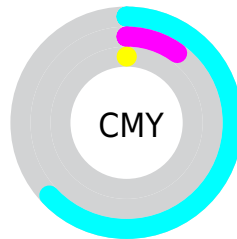
- Red (37%)
- Green (90%)
- Blue (100%)



- Red (37%)
- Yellow (65%)
- Blue (100%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6854, 65.6383, 104.6058 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 50.6854, 65.6383, 104.6058 by changing the saturation by 10% instead.

50.6854, 65.6383,
104.6058

50.6854, 65.6383,
104.6058

379.7481,
445.0822, 596.2328

36.1783, 47.9788,
79.5143

90.3753, 112.9670,
169.5792

24.7427, 33.8101,
58.7950

116.2889,
143.4051, 210.2982

16.0132, 22.7478,
42.0292

146.7353,
178.8715, 257.0635

9.6244, 14.4074,
28.7984

182.0800,
219.7506, 310.2936

5.2110, 8.4045,
18.6841

222.6883,
266.4269, 370.4071

2.4076, 4.3549,
11.2677

268.9255,

0.8489, 1.8740,

319.2846, 437.8224

6.1308

321.1569,
378.7083, 512.9581

■ 0.0000, 0.5327,
2.8547

■ 0.0000, 0.0000,
1.0209

■ 50.6854, 65.6383,
104.6058

■ 50.6854, 65.6383,
104.6058

■ 47.3639, 62.2559,
104.1280

■ 54.9010, 69.5244,
105.1337

■ 44.8419, 59.3242,
103.6950

■ 60.0820, 73.9473,
105.7143

■ 43.0132, 56.7895,
103.3022

■ 66.2987, 78.9447,
106.3513

■ 42.0518, 55.2235,
103.0506

■ 73.6133, 84.5491,
107.0475

■ 82.0829, 90.7900,
107.8057

■ 91.7606, 97.6952,
108.6285

■ 95.0500, 100.0000,
108.9000

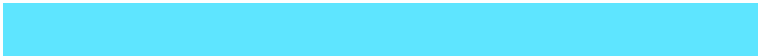
Harmonies

Analogous

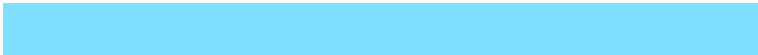
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.7902, 65.6383, 78.9249



50.6854, 65.6383, 104.6058



56.7884, 65.6383, 123.7691

Triad

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



50.6854, 65.6383, 104.6058



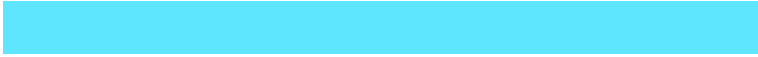
78.6665, 65.6383, 89.3175



59.9032, 65.6383, 34.8988

Complementary

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



50.6854, 65.6383, 104.6058



49.9779, 35.5026, 14.8103

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.



68.3425, 65.6383, 36.4720



50.6854, 65.6383, 104.6058



79.6896, 65.6383, 64.4980

Square

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



50.6854, 65.6383, 104.6058



73.0822, 65.6383, 113.6590



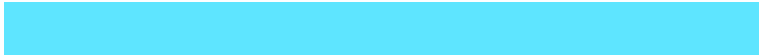
75.7643, 65.6383, 46.1928



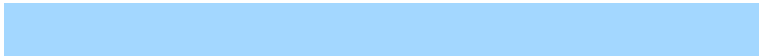
52.7901, 65.6383, 41.2732

Rectangle

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



50.6854, 65.6383, 104.6058



62.1042, 65.6383, 128.2339



75.7643, 65.6383, 46.1928



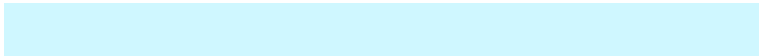
62.6711, 65.6383, 34.5528

Sweetspot

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



50.6872, 65.6406, 104.6062



76.9713, 87.0501, 107.3533



43.6564, 75.2119, 29.4051



15.9731, 18.2594, 22.9325



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.



50.6872, 65.6406, 104.6062



46.5634, 61.3716, 103.9995



33.6302, 31.5266, 98.9205



18.2904, 19.9525, 23.1372



22.0661, 29.0417, 53.8772



2.2123, 2.9553, 5.2671

Inverse Universe

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



59.3868, 34.9243, 77.7422



56.3341, 29.9847, 73.1302



63.6045, 62.7557, 19.3525



18.6592, 18.2470, 22.0887



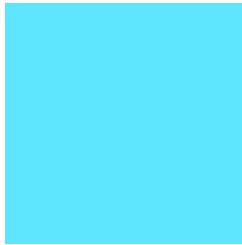
27.9261, 13.6597, 34.5911



2.7513, 1.3429, 3.5376

Previews

White Background



This preview shows how the XYZ color 50.6854, 65.6383, 104.6058 looks on a white background.

Color Contrast Check

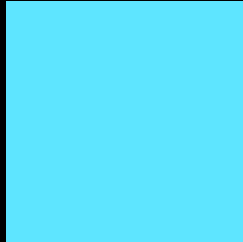
Large Text (above 18pt) WCAG AA × Fail

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 50.6854, 65.6383, 104.6058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

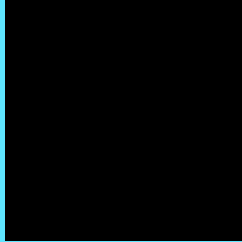
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6854, 65.6383, 104.6058

Background



This preview shows how black text looks on a background with the XYZ color 50.6854, 65.6383, 104.6058.

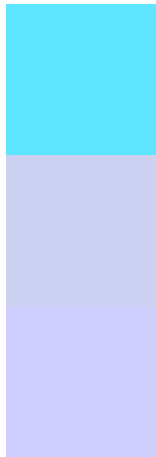


This preview shows how white text looks on a background with the XYZ color 50.6854, 65.6383,

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

50.6854, 65.6383, 104.6058

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

65.5749, 64.4844, 103.5983



Tritanopia

49.7101, 65.6573, 99.6757

Trichromacy



Original Color

50.6854, 65.6383, 104.6058



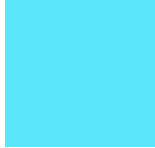
Protanomaly

56.7075, 63.7649, 96.5078



Deuteranomaly

57.6136, 63.3125, 103.7917



Tritanomaly

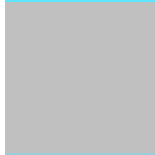
50.1230, 65.8340, 101.3323

Monochromacy



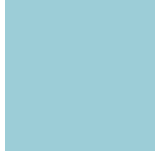
Original Color

50.6854, 65.6383, 104.6058



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.8074, 55.6369, 72.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6854, 65.6383, 104.6058 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(94, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 229, 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(94, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.6854, 65.6383, 104.6058 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(94, 229, 255) }
```


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

```
.border{ border-color:rgb(94, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6854, 65.6383, 104.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 229, 255) }
```

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

```
.background{ background-color: rgb(94, 229,  
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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