

Converting Colors

XYZ(50.3454, 67.9889,
104.2356)

Have a look what the booklet for
XYZ(50.3454, 67.9889, 104.2356)
contains.

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Color

**XYZ(50.3454, 67.9889,
104.2356)**

Conversions

Conversions Part 1

Format	Color
Hex	49EBFE
RGB	73, 235, 254
RGB Percent	29%, 92%, 100%
CMY	0.7137, 0.0784, 0.0039
CMYK	0.71, 0.07, 0.00, 0.00
HSL	186°, 99%, 64%
HSV	186°, 71%, 100%
XYZ	50.3454, 67.9889, 104.2356
YIQ	188.7280, -102.6510, -28.4350

Conversions

Conversions Part 2

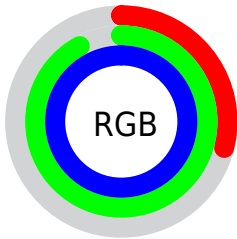
Format	Color
R _{YB}	73, 158, 254
Decimal	4844542
CIE Lab	86.00, -35.10, -21.25
CIE LCh	86, 41.035, 211.187
Yxy	67.9889, 0.2262, 0.3055
Android (android.graphics.Color)	4283034622 (0xFF49EBFE)
YUV	188.7280, 32.1791, -101.4935
Hunter-Lab	82.4554, -35.3088, -17.2324

Details

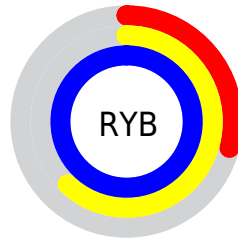
The XYZ color **50.3454, 67.9889, 104.2356** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.9047, 29.2085, 9.5239**, and the grayscale version is **48.0814, 50.5854, 55.0875**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **26.1981, 36.2714, 58.4436** is the 20% darker color. If you saturate the color by 10%, you get **48.0420, 65.6781, 103.9122**, and if you desaturate by 10%, it is **53.4497, 70.7324, 104.6028**.

Distribution



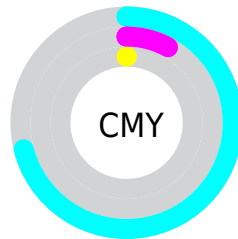
- Red (29%)
- Green (92%)
- Blue (100%)



- Red (29%)
- Yellow (62%)
- Blue (100%)



- Cyan (71%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3454, 67.9889, 104.2356 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 50.3454, 67.9889, 104.2356 by changing the saturation by 10% instead.

50.3454, 67.9889,
104.2356

50.3454, 67.9889,
104.2356

378.4448,
453.4567, 595.0510

35.9068, 49.8887,
79.2060

89.8752, 116.3363,
169.0682

24.5320, 35.3250,
58.5429

115.6971,
147.3522, 209.7084

15.8556, 23.9133,
41.8277

146.0442,
183.4422, 256.3892

9.5122, 15.2693,
28.6418

181.2819,
224.9907, 309.5291

5.1365, 9.0086,
18.5668

221.7754,
272.3819, 369.5467

2.3632, 4.7468,
11.1840

267.8902,

0.8267, 2.0995,

326.0004, 436.8605

6.0750

319.9915,
386.2306, 511.8891

■ 0.0000, 0.6643,
2.8212

■ 0.0000, 0.0000,
1.0041

■ 50.3454, 67.9889,
104.2356

■ 50.3454, 67.9889,
104.2356

■ 48.0420, 65.6781,
103.9122

■ 53.4497, 70.7324,
104.6028

■ 46.4305, 63.7395,
103.6230

■ 57.4338, 73.9451,
105.0129

■ 45.4516, 62.2799,
103.3928

■ 62.3741, 77.6679,
105.4711

■ 68.3371, 81.9350,
105.9805

■ 75.3829, 86.7777,
106.5438

■ 83.5674, 92.2247,
107.1639

■ 92.9423, 98.3028,
107.8429

■ 94.8896, 99.9359,
108.0555

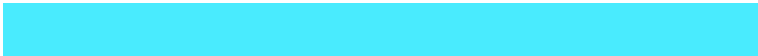
Harmonies

Analogous

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



48.1668, 67.9889, 75.1073



50.3454, 67.9889, 104.2356



56.2874, 67.9889, 129.3484

Triad

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



50.3454, 67.9889, 104.2356



81.8072, 67.9889, 101.9166



64.2472, 67.9889, 33.3659

Complementary

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



50.3454, 67.9889, 104.2356



45.9047, 29.2085, 9.5239

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.



73.7399, 67.9889, 37.2740



50.3454, 67.9889, 104.2356



84.4521, 67.9889, 72.9598

Square

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



50.3454, 67.9889, 104.2356



74.4513, 67.9889, 127.7969



81.3693, 67.9889, 50.3058



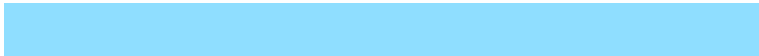
55.6972, 67.9889, 37.9577

Rectangle

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



50.3454, 67.9889, 104.2356



61.8888, 67.9889, 137.9515



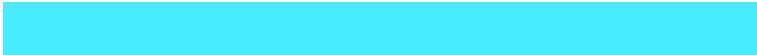
81.3693, 67.9889, 50.3058



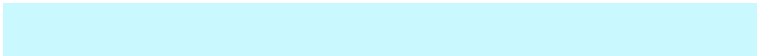
67.4333, 67.9889, 33.7202

Sweetspot

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



50.3475, 67.9914, 104.2372



76.2515, 87.6858, 107.5139



40.0840, 73.0588, 21.9119



15.8749, 18.4658, 22.9775



0.0000, 0.0000, 0.0000



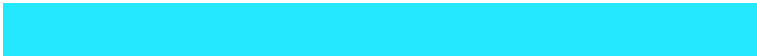
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3475, 67.9914, 104.2372



47.6182, 65.2919, 104.7006



30.8261, 28.9486, 97.7301



18.3824, 20.1364, 23.1678



24.0275, 32.9645, 54.5310



2.3843, 3.2993, 5.3244

Inverse Universe

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



58.2528, 31.8362, 81.6746



56.4245, 28.3288, 78.8235



58.7240, 54.8470, 13.7970



18.7057, 18.2656, 22.3331



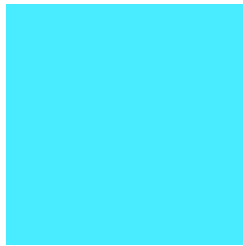
28.9162, 14.0558, 39.8045



2.8381, 1.3776, 3.9948

Previews

White Background



This preview shows how the XYZ color 50.3454, 67.9889, 104.2356 looks on a white background.

Color Contrast Check

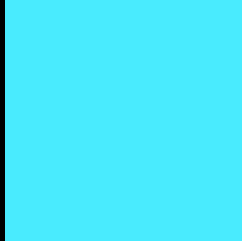
Large Text (above 18pt) WCAG AA × Fail

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 50.3454, 67.9889, 104.2356 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 50.3454, 67.9889, 104.2356

Background



This preview shows how black text looks on a background with the XYZ color 50.3454, 67.9889, 104.2356.

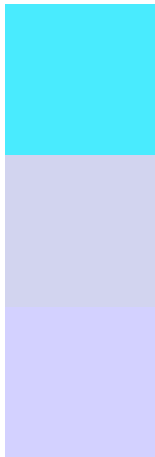


This preview shows how white text looks on a background with the XYZ color 50.3454, 67.9889,

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

50.3454, 67.9889, 104.2356

Protanopia

65.7018, 67.0206, 91.1348

Deuteranopia

67.7144, 66.6698, 103.9074



Tritanopia

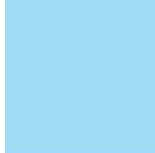
50.3454, 67.9889, 104.2356

Trichromacy



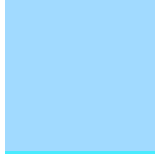
Original Color

50.3454, 67.9889, 104.2356



Protanomaly

56.4195, 65.1916, 95.1976



Deuteranomaly

57.8193, 64.9399, 104.0950



Tritanomaly

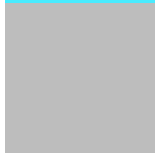
50.3454, 67.9889, 104.2356

Monochromacy



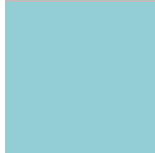
Original Color

50.3454, 67.9889, 104.2356



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

46.1142, 55.1498, 71.1653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3454, 67.9889, 104.2356 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(73, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(73, 235, 254)  
}
```

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(73, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 50.3454, 67.9889, 104.2356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

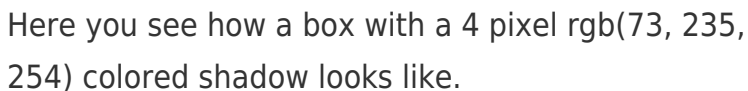
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 235, 254) }
```


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

```
.border{ border-color:rgb(73, 235, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(73, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(73, 235,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3454, 67.9889, 104.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 235, 254) }
```

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

```
.background{ background-color: rgb(73, 235,  
254) }
```

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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