

Converting Colors

XYZ(54.4156, 76.7150,
106.5472)

Have a look what the booklet for
XYZ(54.4156, 76.7150, 106.5472)
contains.

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Color

**XYZ(54.4156, 76.7150,
106.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	41FAFF
RGB	65, 250, 255
RGB Percent	25%, 98%, 100%
CMY	0.7450, 0.0196, 0.0000
CMYK	0.75, 0.02, 0.00, 0.00
HSL	182°, 100%, 63%
HSV	182°, 75%, 100%
XYZ	54.4156, 76.7150, 106.5472
YIQ	195.2550, -111.8650, -37.6650

Conversions

Conversions Part 2

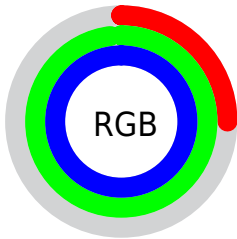
Format	Color
RYB	65, 159, 255
Decimal	4324095
CIELab	90.19, -42.54, -15.47
CIELCh	90, 45.268, 199.987
Yxy	76.7150, 0.2289, 0.3228
Android (android.graphics.Color)	4282514175 (0xFF41FAFF)
YUV	195.2550, 29.4543, -114.2336
Hunter-Lab	87.5871, -42.3800, -10.8136

Details

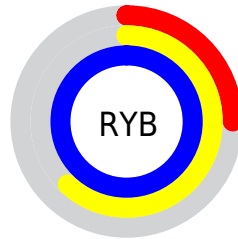
The XYZ color **54.4156, 76.7150, 106.5472** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.3854, 26.0236, 7.6870**, and the grayscale version is **51.9048, 54.6079, 59.4680**.

A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **29.2630, 42.2171, 60.0325** is the 20% darker color. If you saturate the color by 10%, you get **52.8850, 75.6188, 106.4163**, and if you desaturate by 10%, it is **56.7122, 78.2105, 106.7148**.

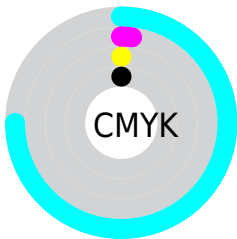
Distribution



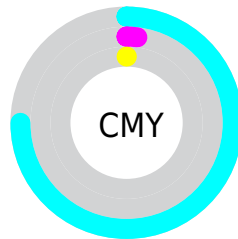
- Red (25%)
- Green (98%)
- Blue (100%)



- Red (25%)
- Yellow (62%)
- Blue (100%)



- Cyan (75%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (75%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4156, 76.7150, 106.5472 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 54.4156, 76.7150, 106.5472 by changing the saturation by 10% instead.

 54.4156, 76.7150,
106.5472


 54.4156, 76.7150,
106.5472


393.8654,
483.7918, 602.4109


 39.1660, 57.0190,
81.1323


 95.8375, 128.7371,
172.2559


 27.0702, 41.0205,
60.1189


 122.7406,
161.8320, 213.3867

 17.7628, 28.3351,
43.0886


 154.2588,
200.1619, 260.5933

 10.8785, 18.5784,
29.6227

 190.7576,
244.1114, 314.2941

 6.0519, 11.3660,
19.3028

232.6023,
294.0647, 374.9078

 2.9176, 6.3136,
11.7102

280.1582,

 1.1103, 3.0367,

350.4063, 442.8527

6.4265

333.7908,
413.5205, 518.5476

■ 0.0337, 1.1509,
3.0332

■ 0.0000, 0.0211,
1.1116

■ 54.4156, 76.7150,
106.5472

■ 54.4156, 76.7150,
106.5472

■ 52.8850, 75.6188,
106.4163

■ 56.7122, 78.2105,
106.7148

■ 52.0027, 74.8563,
106.3156

■ 59.8594, 80.1440,
106.9222

■ 51.7078, 74.5356,
106.2693

■ 63.9375, 82.5585,
107.1733

■ 69.0158, 85.4896,
107.4714

■ 75.1568, 88.9698,
107.8194

■ 82.4184, 93.0287,
108.2202

■ 90.8538, 97.6939,
108.6760

■ 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.



53.6186, 76.7150, 73.2134



54.4156, 76.7150, 106.5472



59.8714, 76.7150, 140.5359

Triad

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



54.4156, 76.7150, 106.5472



90.7713, 76.7150, 130.0342



76.7419, 76.7150, 36.1659

Complementary

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



54.4156, 76.7150, 106.5472



44.3854, 26.0236, 7.6870

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.



87.7282, 76.7150, 44.4953



54.4156, 76.7150, 106.5472



96.3618, 76.7150, 94.7720

Square

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



54.4156, 76.7150, 106.5472



80.5627, 76.7150, 156.3323



95.1942, 76.7150, 64.0914



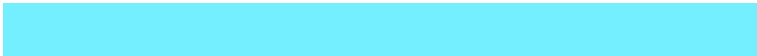
65.7679, 76.7150, 37.7851

Rectangle

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



54.4156, 76.7150, 106.5472



65.7593, 76.7150, 156.3177



95.1942, 76.7150, 64.0914



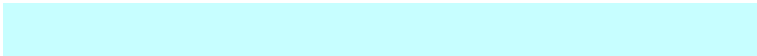
80.5725, 76.7150, 37.7907

Sweetspot

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



54.4177, 76.7178, 106.5476



76.8678, 89.9307, 107.9147



38.9899, 73.0639, 17.5457



16.0569, 19.0265, 23.0761



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.



54.4177, 76.7178, 106.5476



52.4157, 75.2384, 106.3676



32.2611, 32.4045, 99.1621



18.5115, 20.3946, 23.2108



27.0369, 38.9833, 55.5341



2.6449, 3.8206, 5.4113

Inverse Universe

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



60.3870, 31.9447, 93.4286



58.7602, 28.9344, 92.1361



55.3227, 47.8980, 11.3327



18.7708, 18.2916, 22.6763



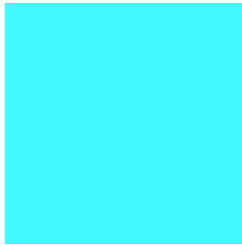
30.4352, 14.6634, 47.8035



2.9696, 1.4302, 4.6875

Previews

White Background



This preview shows how the XYZ color 54.4156, 76.7150, 106.5472 looks on a white background.

Color Contrast Check

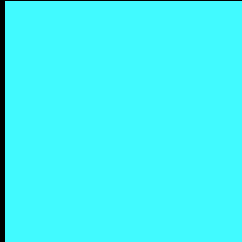
Large Text (above 18pt) WCAG AA × Fail

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 54.4156, 76.7150, 106.5472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

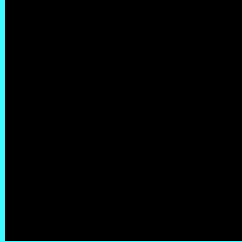
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4156, 76.7150, 106.5472

Background



This preview shows how black text looks on a background with the XYZ color 54.4156, 76.7150, 106.5472.

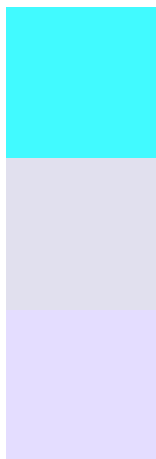


This preview shows how white text looks on a background with the XYZ color 54.4156, 76.7150,

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

54.4156, 76.7150, 106.5472

Protanopia

73.1396, 75.4919, 91.6054

Deuteranopia

75.9014, 75.4269, 105.1662



Tritanopia

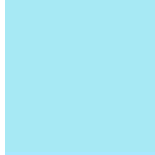
61.3594, 76.2416, 106.0899

Trichromacy



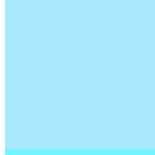
Original Color

54.4156, 76.7150, 106.5472



Protanomaly

61.4044, 73.0250, 96.4468



Deuteranomaly

63.2688, 73.3682, 105.4346



Tritanomaly

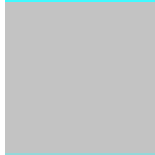
57.7368, 75.7033, 106.1769

Monochromacy



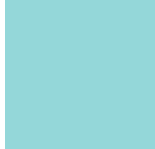
Original Color

54.4156, 76.7150, 106.5472



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.0376, 59.9065, 74.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4156, 76.7150, 106.5472 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(65, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(65, 250, 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(65, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4156, 76.7150, 106.5472 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(65, 250, 255) }
```


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

```
.border{ border-color:rgb(65, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(65, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4156, 76.7150, 106.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 250, 255) }
```

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

```
.background{ background-color: rgb(65, 250,  
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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