

Converting Colors

XYZ(54.3770, 77.8474,
106.7678)

Have a look what the booklet for
XYZ(54.3770, 77.8474, 106.7678)
contains.

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Color

**XYZ(54.2256, 77.5446,
106.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	33FCFF
RGB	51, 252, 255
RGB Percent	20%, 99%, 100%
CMY	0.7999, 0.0118, 0.0000
CMYK	0.80, 0.01, 0.00, 0.00
HSL	181°, 100%, 60%
HSV	181°, 80%, 100%
XYZ	54.2256, 77.5446, 106.7174
YIQ	192.2430, -120.7590, -41.6790

Conversions

Conversions Part 2

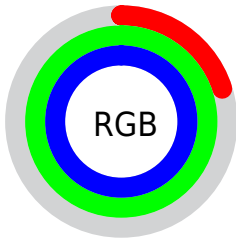
Format	Color
RYB	51, 152, 255
Decimal	3407103
CIELab	90.57, -44.67, -14.92
CIElCh	91, 47.095, 198.471
Yxy	77.5446, 0.2274, 0.3252
Android (android.graphics.Color)	4281597183 (0xFF33FCFF)
YUV	192.2430, 30.9392, -123.8701
Hunter-Lab	88.0594, -44.1865, -10.2108

Details

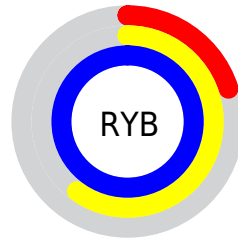
The XYZ color **54.2256, 77.5446, 106.7174** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.1577, 24.1388, 5.5186**, and the grayscale version is **50.1241, 52.7345, 57.4279**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.7081, 43.1074, 60.1809** is the 20% darker color. If you saturate the color by 10%, you get **53.1578, 76.8214, 106.6340**, and if you desaturate by 10%, it is **56.0011, 78.6364, 106.8345**.

Distribution



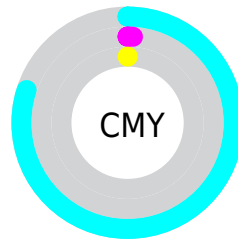
- Red (20%)
- Green (99%)
- Blue (100%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2256, 77.5446, 106.7174 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 54.2256, 77.5446, 106.7174 by changing the saturation by 10% instead.


 54.2256, 77.5446,
106.7174


 54.2256, 77.5446,
106.7174


393.1540,
486.6189, 602.9509


 39.0134, 57.7000,
81.2742


 95.5604, 129.9080,
172.4903


 26.9510, 41.5675,
60.2351


 122.4137,
163.1955, 213.6571

 17.6728, 28.7628,
43.1817


 153.8781,
201.7327, 260.9022

 10.8136, 18.9014,
29.6952

 190.3190,
245.9041, 314.6441

 6.0080, 11.5991,
19.3573

232.1016,
296.0940, 375.3014

 2.8906, 6.4713,
11.7493

279.5915,

 1.0962, 3.1337,

352.6868, 443.2926

6.4527

333.1538,
416.0670, 519.0363

0.0219, 1.2019,
3.0491

0.0000, 0.0633,
1.1197

54.2256, 77.5446,
106.7174

54.2256, 77.5446,
106.7174

53.1578, 76.8214,
106.6340

56.0011, 78.6364,
106.8345

52.6270, 76.3736,
106.5756

58.5788, 80.1404,
106.9890

52.6267, 76.3733,
106.5756

62.0452, 82.1029,
107.1851

66.4741, 84.5619,
107.4263

■ 71.9317, 87.5516,
107.7157

■ 78.4782, 91.1030,
108.0561

■ 86.1692, 95.2447,
108.4502

■ 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.



53.6487, 77.5446, 72.1105



54.2256, 77.5446, 106.7174



59.6727, 77.5446, 142.9573

Triad

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



54.2256, 77.5446, 106.7174



92.0102, 77.5446, 135.2053



78.3280, 77.5446, 35.4584

Complementary

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



54.2256, 77.5446, 106.7174



43.1577, 24.1388, 5.5186

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.



89.7782, 77.5446, 44.5598



54.2256, 77.5446, 106.7174



98.2215, 77.5446, 98.0847

Square

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



54.2256, 77.5446, 106.7174



81.1217, 77.5446, 162.1939



97.3637, 77.5446, 65.4890



66.7525, 77.5446, 36.6117

Rectangle

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



54.2256, 77.5446, 106.7174



65.6939, 77.5446, 160.3695



97.3637, 77.5446, 65.4890



82.3397, 77.5446, 37.2948

Sweetspot

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



54.2277, 77.5474, 106.7178



75.7207, 89.6106, 107.9134



37.7241, 72.4634, 15.1326



15.7149, 18.9131, 23.0723



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.



54.2277, 77.5474, 106.7178



52.8012, 76.5329, 106.5972



30.8088, 30.7096, 98.9115



18.5307, 20.4329, 23.2172



27.5090, 39.9276, 55.6915



2.6855, 3.9017, 5.4248

Inverse Universe

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



59.9959, 30.6577, 94.8539



58.8271, 28.4720, 93.9962



53.2306, 44.2845, 8.8762



18.7805, 18.2955, 22.7272



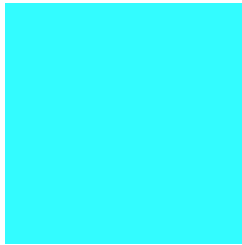
30.6735, 14.7587, 49.0585



2.9901, 1.4384, 4.7954

Previews

White Background



This preview shows how the XYZ color 54.2256, 77.5446, 106.7174 looks on a white background.

Color Contrast Check

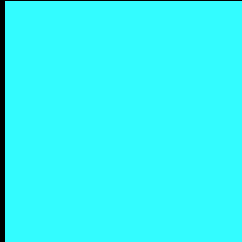
Large Text (above 18pt) WCAG AA × Fail

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 54.2256, 77.5446, 106.7174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

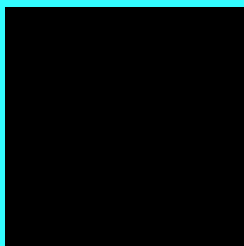
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

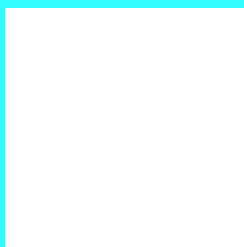
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2256, 77.5446, 106.7174

Background



This preview shows how black text looks on a background with the XYZ color 54.2256, 77.5446, 106.7174.



This preview shows how white text looks on a background with the XYZ color 54.2256, 77.5446,

Color Blindness Simulation

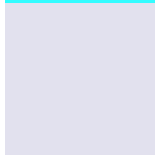
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



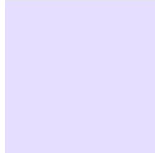
Original Color

54.2256, 77.5446, 106.7174



Protanopia

73.7219, 76.1922, 91.7099



Deuteranopia

76.8044, 76.2855, 105.2843



Tritanopia

62.0830, 76.6146, 106.1237

Trichromacy



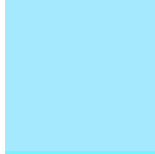
Original Color

54.2256, 77.5446, 106.7174



Protanomaly

60.9378, 73.6297, 96.5881



Deuteranomaly

62.7060, 73.4972, 105.4892



Tritanomaly

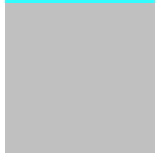
57.6418, 76.1022, 106.2589

Monochromacy



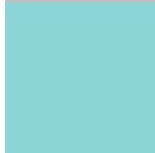
Original Color

54.2256, 77.5446, 106.7174



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

47.2968, 58.6622, 73.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2256, 77.5446, 106.7174 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(51, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 252, 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(51, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2256, 77.5446, 106.7174 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(51, 252, 255) }
```


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

```
.border{ border-color:rgb(51, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2256, 77.5446, 106.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 252, 255) }
```

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

```
.background{ background-color: rgb(51, 252,  
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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