

Converting Colors

XYZ(54.8553, 77.6197,
103.6316)

Have a look what the booklet for
XYZ(54.8553, 77.6197, 103.6316)
contains.

XYZ(54.7338, 77.4152, 103.3247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7338, 77.4152,
103.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFBFB
RGB	74, 251, 251
RGB Percent	29%, 98%, 98%
CMY	0.7098, 0.0157, 0.0157
CMYK	0.71, 0.00, 0.00, 0.02
HSL	180°, 96%, 64%
HSV	180°, 71%, 98%
XYZ	54.7338, 77.4152, 103.3247
YIQ	198.0770, -105.4920, -37.5240

Conversions

Conversions Part 2

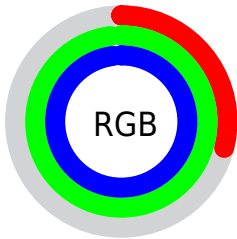
Format	Color
RYB	74, 163, 251
Decimal	4914171
CIELab	90.51, -43.12, -12.90
CIElCh	91, 45.009, 196.649
Yxy	77.4152, 0.2324, 0.3288
Android (android.graphics.Color)	4283104251 (0xFF4AFBFB)
YUV	198.0770, 26.0910, -108.8155
Hunter-Lab	87.9859, -42.9350, -8.0360

Details

The XYZ color **54.7338, 77.4152, 103.3247** 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 **43.4710, 25.9036, 9.1897**, and the grayscale version is **53.6187, 56.4110, 61.4316**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **29.1421, 42.5237, 58.3017** is the 20% darker color. If you saturate the color by 10%, you get **53.1735, 76.6125, 103.2532**, and if you desaturate by 10%, it is **57.0691, 78.6208, 103.4360**.

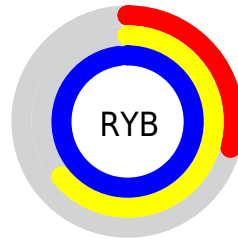
Distribution



Red (29%)

Green (98%)

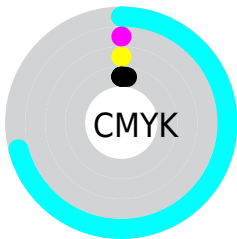
Blue (98%)



Red (29%)

Yellow (64%)

Blue (98%)

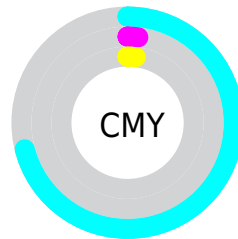


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (71%)


Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7338, 77.4152, 103.3247 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 54.7338, 77.4152, 103.3247 by changing the saturation by 10% instead.


 54.7338, 77.4152,
103.3247


 54.7338, 77.4152,
103.3247


395.0549,
486.1785, 592.1377


 39.4216, 57.5937,
78.4477


 96.3014, 129.7254,
167.8102


 27.2701, 41.4821,
57.9232


 123.2876,
162.9829, 208.2558

 17.9138, 28.6960,
41.3326


 154.8958,
201.4879, 254.7281

 10.9874, 18.8510,
28.2574

 191.4914,
245.6247, 307.6455

 6.1256, 11.5626,
18.2791

233.4398,
295.7778, 367.4266

 2.9630, 6.4466,
10.9790

281.1062,

 1.1342, 3.1185,

352.3315, 434.4900

5.9387

334.8562,
415.6703, 509.2542

■ 0.0535, 1.1939,
2.7397

■ 0.0000, 0.0567,
0.9633

■ 54.7338, 77.4152,
103.3247

■ 54.7338, 77.4152,
103.3247

■ 53.1735, 76.6125,
103.2532

■ 57.0691, 78.6208,
103.4360


■ 52.2833, 76.1536,
103.2113


■ 60.2542, 80.2628,
103.5852


■ 51.9111, 75.9617,
103.1937


■ 64.3629, 82.3809,
103.7777


■ 69.4591, 85.0081,
104.0165

 75.6011, 88.1744,
104.3041

 82.8426, 91.9075,
104.6432

 91.2335, 96.2332,
105.0361

 93.1515, 97.2219,
105.1261

 93.1516, 97.2220,
105.1263

Harmonies

Analogous

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



54.4696, 77.4152, 70.7749



54.7338, 77.4152, 103.3247



59.7025, 77.4152, 137.8683

Triad

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



54.7338, 77.4152, 103.3247



90.4655, 77.4152, 134.3970



78.6921, 77.4152, 37.2268

Complementary

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



54.7338, 77.4152, 103.3247



43.4710, 25.9036, 9.1897

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.



89.4587, 77.4152, 46.7794



54.7338, 77.4152, 103.3247



96.7089, 77.4152, 99.4291

Square

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



54.7338, 77.4152, 103.3247



79.9567, 77.4152, 158.7055



96.3227, 77.4152, 67.7530



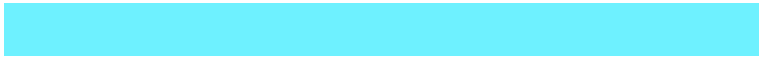
67.5532, 77.4152, 37.7647

Rectangle

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



54.7338, 77.4152, 103.3247



65.3322, 77.4152, 154.9566



96.3227, 77.4152, 67.7530



82.4961, 77.4152, 39.2344

Sweetspot

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



54.7361, 77.4181, 103.3266



78.0185, 91.2199, 108.1025



38.7922, 71.0674, 18.1535



16.3020, 19.3201, 23.1198



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.



54.7361, 77.4181, 103.3266



54.6182, 79.1567, 107.0059



33.7759, 35.4972, 96.3413



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2410



2.5271, 3.6980, 5.0237

Inverse Universe

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



43.4710, 25.9036, 9.1897



42.2951, 22.8038, 4.0275



53.5157, 45.9931, 12.5376



17.2447, 17.2252, 17.8783



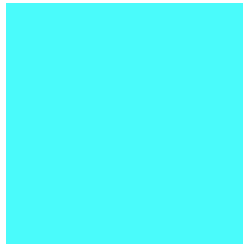
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 54.7338, 77.4152, 103.3247 looks on a white background.

Color Contrast Check

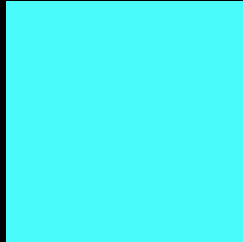
Large Text (above 18pt) WCAG AA × Fail

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 54.7338, 77.4152, 103.3247 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 54.7338, 77.4152, 103.3247

Background



This preview shows how black text looks on a background with the XYZ color 54.7338, 77.4152, 103.3247.



This preview shows how white text looks on a background with the XYZ color 54.7338, 77.4152,

Color Blindness Simulation

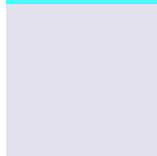
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.7338, 77.4152, 103.3247



Protanopia

73.5992, 76.1795, 89.4223



Deuteranopia

77.1852, 76.0887, 105.2262



Tritanopia

62.2678, 76.7099, 106.1324

Trichromacy



Original Color

54.7338, 77.4152, 103.3247



Protanomaly

62.0946, 73.8544, 94.2017



Deuteranomaly

64.4252, 73.9829, 104.6505



Tritanomaly

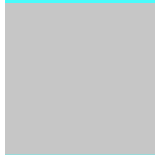
58.7102, 76.6715, 105.4707

Monochromacy



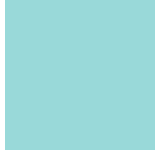
Original Color

54.7338, 77.4152, 103.3247



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.4741, 61.4078, 74.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7338, 77.4152, 103.3247 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(74, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(74, 251, 251)  
}
```

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(74, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 54.7338, 77.4152, 103.3247 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(74, 251, 251) }
```


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

```
.border{ border-color:rgb(74, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(74, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7338, 77.4152, 103.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 251, 251) }
```

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

```
.background{ background-color: rgb(74, 251,  
251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor