

Converting Colors

XYZ(54.7480, 79.4410, 97.1890)

Have a look what the booklet for
XYZ(54.7480, 79.4410, 97.1890)
contains.

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Color

**XYZ(54.7617, 79.4469,
97.2426)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFFF3
RGB	74, 255, 243
RGB Percent	29%, 100%, 95%
CMY	0.7098, 0.0000, 0.0471
CMYK	0.71, 0.00, 0.05, 0.00
HSL	176°, 100%, 65%
HSV	176°, 71%, 100%
XYZ	54.7617, 79.4469, 97.2426
YIQ	199.5130, -104.0240, -42.1040

Conversions

Conversions Part 2

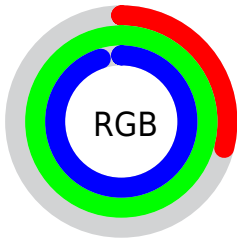
Format	Color
RYB	74, 168, 255
Decimal	4915187
CIELab	91.44, -47.03, -7.37
CIElCh	91, 47.607, 188.903
Yxy	79.4469, 0.2366, 0.3433
Android (android.graphics.Color)	4283105267 (0xFF4AFF3)
YUV	199.5130, 21.4391, -110.0749
Hunter-Lab	89.1330, -46.3156, -2.2913

Details

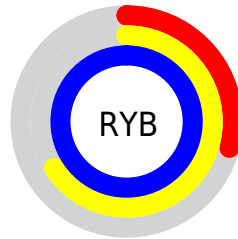
The XYZ color **54.7617, 79.4469, 97.2426** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.3696, 26.8310, 11.5936**, and the grayscale version is **54.5202, 57.3595, 62.4645**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **28.9359, 43.5204, 53.8889** is the 20% darker color. If you saturate the color by 10%, you get **52.9269, 78.5304, 95.8315**, and if you desaturate by 10%, it is **57.3961, 80.7753, 98.7062**.

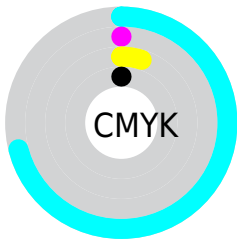
Distribution



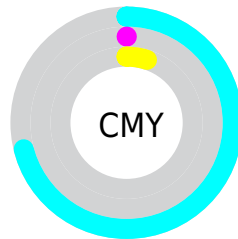
- Red (29%)
- Green (100%)
- Blue (95%)



- Red (29%)
- Yellow (66%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (71%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7617, 79.4469, 97.2426 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 54.7617, 79.4469, 97.2426 by changing the saturation by 10% instead.


 54.7617, 79.4469,
97.2426


 54.7617, 79.4469,
97.2426


395.1591,
493.0669, 572.4865


 39.4441, 59.2633,
73.3957


 96.3421, 132.5878,
159.3814


 27.2876, 42.8251,
53.8058


 123.3355,
166.3139, 198.5103

 17.9271, 29.7479,
38.0543


 154.9516,
205.3230, 243.5704

 10.9970, 19.6473,
25.7227

 191.5557,
249.9995, 294.9802

 6.1321, 12.1390,
16.3924

233.5131,
300.7277, 353.1581

 2.9670, 6.8384,
9.6449

281.1893,

 1.1363, 3.3612,

357.8921, 418.5228

5.0616

334.9495,
421.8770, 491.4927

■ 0.0552, 1.3231,
2.2241

■ 0.0000, 0.1590,
0.6882

■ 54.7617, 79.4469,
97.2426

■ 54.7617, 79.4469,
97.2426

■ 52.9269, 78.5304,
95.8315

■ 57.3961, 80.7753,
98.7062

■ 51.7855, 77.9710,
94.4637

■ 60.9124, 82.5581,
100.2220

■ 51.2067, 77.6987,
93.2610

■ 65.3865, 84.8345,
101.7949

■ 70.8852, 87.6387,
103.4282

■ 77.4692, 91.0021,
105.1246

■ 85.1946, 94.9537,
106.8869

■ 94.1136, 99.5203,
108.7176

■ 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.



55.8017, 79.4469, 64.6496



54.7617, 79.4469, 97.2426



58.7999, 79.4469, 135.5142

Triad

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



54.7617, 79.4469, 97.2426



91.1018, 79.4469, 149.4808



84.2084, 79.4469, 38.0062

Complementary

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



54.7617, 79.4469, 97.2426



45.3696, 26.8310, 11.5936

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.



95.1237, 79.4469, 51.0151



54.7617, 79.4469, 97.2426



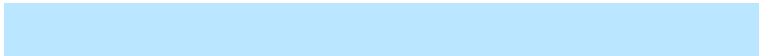
99.3900, 79.4469, 112.8004

Square

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



54.7617, 79.4469, 97.2426



79.1738, 79.4469, 170.5438



100.9356, 79.4469, 76.5869



71.9647, 79.4469, 35.9262

Rectangle

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



54.7617, 79.4469, 97.2426



64.1111, 79.4469, 157.1069



100.9356, 79.4469, 76.5869



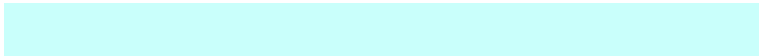
88.1900, 79.4469, 41.0391

Sweetspot

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



54.7628, 79.4475, 97.2441



77.4522, 90.9934, 105.1205



40.8412, 73.9966, 18.6107



16.1651, 19.2653, 22.3985



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.



54.7628, 79.4475, 97.2441



52.3907, 78.2657, 95.2761



36.5125, 39.9515, 100.3947



18.4998, 20.4595, 22.9349



26.7788, 40.6081, 48.8478



2.6224, 3.9599, 4.8354

Inverse Universe

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



45.3696, 26.8310, 11.5936



42.5750, 22.9158, 5.5016



53.7761, 44.3539, 12.2073



18.0582, 18.0066, 18.9237



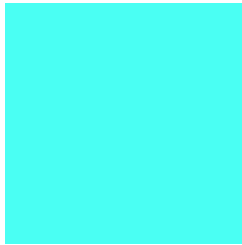
21.6194, 11.1370, 1.3802



2.1213, 1.0909, 0.2201

Previews

White Background



This preview shows how the XYZ color 54.7617, 79.4469, 97.2426 looks on a white background.

Color Contrast Check

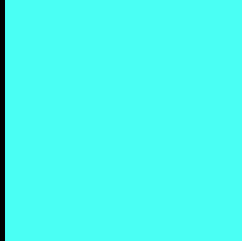
Large Text (above 18pt) WCAG AA × Fail

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 54.7617, 79.4469, 97.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

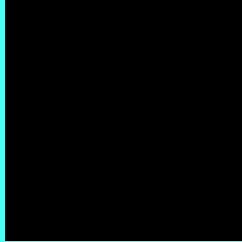
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

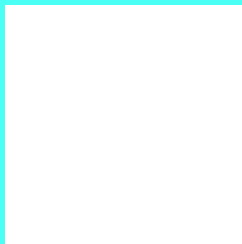
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7617, 79.4469, 97.2426

Background



This preview shows how black text looks on a background with the XYZ color 54.7617, 79.4469, 97.2426.

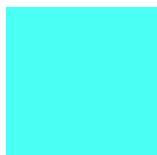


This preview shows how white text looks on a background with the XYZ color 54.7617, 79.4469,

Color Blindness Simulation

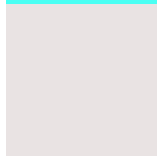
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



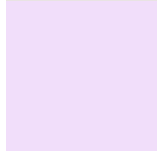
Original Color

54.7617, 79.4469, 97.2426



Protanopia

74.9385, 77.8079, 83.7418



Deuteranopia

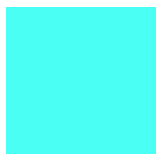
79.6522, 77.8455, 101.2700



Tritanopia

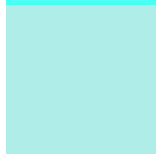
65.1120, 78.6168, 106.3505

Trichromacy



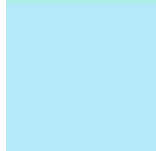
Original Color

54.7617, 79.4469, 97.2426



Protanomaly

62.6714, 75.5655, 88.3733



Deuteranomaly

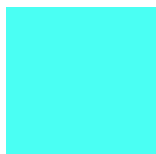
65.0337, 75.2643, 99.0955



Tritanomaly

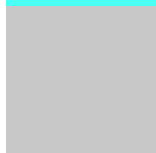
60.0334, 78.3119, 103.2184

Monochromacy



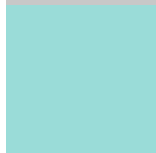
Original Color

54.7617, 79.4469, 97.2426



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

51.3143, 63.0143, 74.4242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7617, 79.4469, 97.2426 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, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(74, 255, 243)  
}
```

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, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.7617, 79.4469, 97.2426 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, 255, 243) }
```


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

```
.border{ border-color:rgb(74, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(74, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7617, 79.4469, 97.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 255, 243) }
```

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

```
.background{ background-color: rgb(74, 255,  
243) }
```

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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