

Converting Colors

XYZ(54.4427, 79.0662,
106.9996)

Have a look what the booklet for
XYZ(54.4427, 79.0662, 106.9996)
contains.

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Color

**XYZ(54.4372, 79.0633,
106.9994)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 21FFFF |
| RGB | 33, 255, 255 |
| RGB Percent | 13%, 100%, 100% |
| CMY | 0.8705, 0.0000, 0.0000 |
| CMYK | 0.87, 0.00, 0.00, 0.00 |
| HSL | 180°, 100%, 56% |
| HSV | 180°, 87%, 100% |
| XYZ | 54.4372, 79.0633, 106.9994 |
| YIQ | 188.6220, -132.3120, -47.0640 |

Conversions

Conversions Part 2

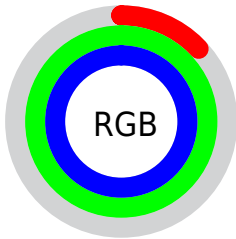
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 33, 144, 255 |
| Decimal | 2228223 |
| CIE Lab | 91.26, -47.11, -13.90 |
| CIE LCh | 91, 49.119, 196.443 |
| Yxy | 79.0633, 0.2264, 0.3287 |
| Android (android.graphics.Color) | 4280418303 (0xFF21FFFF) |
| YUV | 188.6220, 32.7244, -136.4805 |
| Hunter-Lab | 88.9175, -46.3242, -9.1047 |

Details

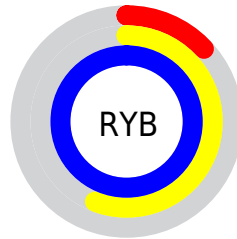
The XYZ color **54.4372, 79.0633, 106.9994** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.0596, 22.4594, 3.5594**, and the grayscale version is **48.0319, 50.5333, 55.0308**.

A 20% lighter version of the original color is **62.7121, 83.3292, 107.3866**, and **30.1593, 44.0097, 60.3312** is the 20% darker color. If you saturate the color by 10%, you get **53.9043, 78.7886, 106.9744**, and if you desaturate by 10%, it is **55.5859, 79.6555, 107.0531**.

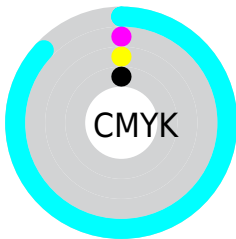
Distribution



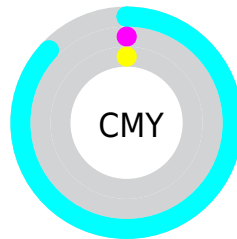
- Red (13%)
- Green (100%)
- Blue (100%)



- Red (13%)
- Yellow (56%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (87%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4372, 79.0633, 106.9994 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 54.4372, 79.0633, 106.9994 by changing the saturation by 10% instead.


 54.4372, 79.0633,
106.9994

 54.4372, 79.0633,
106.9994


393.9462,
491.7705, 603.8451


 39.1834, 58.9479,
81.5094


 95.8690, 132.0480,
172.8787

 27.0838, 42.5711,
60.4278


 122.7777,
165.6860, 214.1050

 17.7731, 29.5488,
43.3360


 154.3021,
204.6003, 261.4139

 10.8859, 19.4963,
29.8155

 190.8074,
249.1754, 315.2238

 6.0569, 12.0295,
19.4477

232.6592,
299.7955, 375.9534

 2.9207, 6.7638,
11.8141

280.2226,

 1.1120, 3.3148,

356.8451, 444.0211

6.4963

333.8632,
420.7086, 519.8455

■ 0.0351, 1.2982,
3.0755

■ 0.0000, 0.1398,
1.1333

■ 54.4372, 79.0633,
106.9994

■ 54.4372, 79.0633,
106.9994

■ 53.9043, 78.7886,
106.9744

■ 55.5859, 79.6555,
107.0531

■ 53.8100, 78.7400,
106.9700

■ 57.4688, 80.6262,
107.1412

■ 60.1821, 82.0249,
107.2682

■ 63.8065, 83.8934,
107.4378

■ 68.4134, 86.2683,
107.6534

■ 74.0670, 89.1829,
107.9180

■ 80.8261, 92.6673,
108.2343

■ 88.7451, 96.7497,
108.6049

■ 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.



54.1857, 79.0633, 70.9880



54.4372, 79.0633, 106.9994



59.8222, 79.0633, 145.9774

Triad

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



54.4372, 79.0633, 106.9994



93.8749, 79.0633, 142.5303



80.9025, 79.0633, 35.1397

Complementary

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



54.4372, 79.0633, 106.9994



42.0596, 22.4594, 3.5594

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.



92.8888, 79.0633, 45.3314



54.4372, 79.0633, 106.9994



100.9183, 79.0633, 103.1870

Square

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



54.4372, 79.0633, 106.9994



82.1329, 79.0633, 170.0559



100.5387, 79.0633, 68.0931



68.5694, 79.0633, 35.6341

Rectangle

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



54.4372, 79.0633, 106.9994



65.9759, 79.0633, 165.5144



100.5387, 79.0633, 68.0931



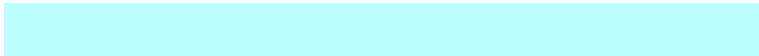
85.1315, 79.0633, 37.2754

Sweetspot

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



54.4382, 79.0638, 106.9994



74.7219, 89.5205, 107.9487



36.6631, 71.9538, 13.3972



15.5397, 18.9271, 23.0842



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.



54.4382, 79.0638, 106.9994



53.8100, 78.7400, 106.9700



28.6537, 27.4949, 98.4046



18.5550, 20.4815, 23.2253



28.1169, 41.1433, 55.8941



2.7376, 4.0060, 5.4422

Inverse Universe

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



59.8347, 29.5694, 97.1616



59.2900, 28.4800, 96.9800



51.4905, 41.3210, 6.7030



18.7928, 18.3004, 22.7918



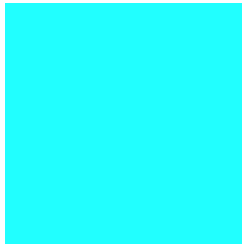
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 54.4372, 79.0633, 106.9994 looks on a white background.

Color Contrast Check

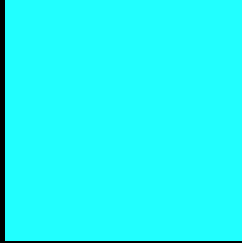
Large Text (above 18pt) WCAG AA × Fail

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 54.4372, 79.0633, 106.9994 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 54.4372, 79.0633, 106.9994

Background



This preview shows how black text looks on a background with the XYZ color 54.4372, 79.0633, 106.9994.

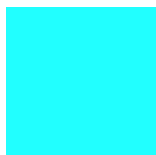


This preview shows how white text looks on a background with the XYZ color 54.4372, 79.0633,

Color Blindness Simulation

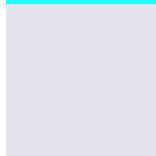
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.4372, 79.0633, 106.9994



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

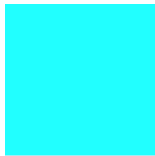
77.7164, 77.1512, 105.4033



Tritanopia

63.9027, 77.9934, 106.2939

Trichromacy



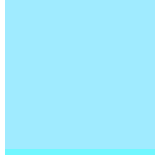
Original Color

54.4372, 79.0633, 106.9994



Protanomaly

60.7139, 74.3691, 96.7427



Deuteranomaly

62.2555, 74.1102, 105.6312



Tritanomaly

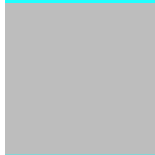
58.1208, 77.2522, 106.4556

Monochromacy



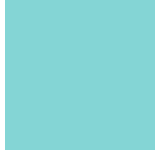
Original Color

54.4372, 79.0633, 106.9994



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.3202, 57.2981, 71.6218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4372, 79.0633, 106.9994 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(33, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 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(33, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4372, 79.0633, 106.9994 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(33, 255, 255) }
```


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

```
.border{ border-color:rgb(33, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4372, 79.0633, 106.9994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 255, 255) }
```

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

```
.background{ background-color: rgb(33, 255,  
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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