

Converting Colors

XYZ(54.7152, 73.2142, 96.5234)

Have a look what the booklet for
XYZ(54.7152, 73.2142, 96.5234)
contains.

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Color

**XYZ(54.5945, 72.9530,
96.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	71F1F4
RGB	113, 241, 244
RGB Percent	44%, 95%, 96%
CMY	0.5568, 0.0549, 0.0431
CMYK	0.54, 0.01, 0.00, 0.04
HSL	181°, 86%, 70%
HSV	181°, 54%, 96%
XYZ	54.5945, 72.9530, 96.7918
YIQ	203.0700, -77.2510, -26.2030

Conversions

Conversions Part 2

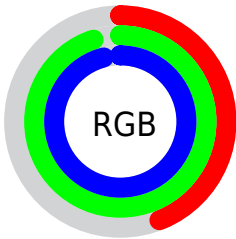
Format	Color
R _Y B	113, 178, 244
Decimal	7467508
CIE Lab	88.43, -34.48, -12.26
CIE LCh	88, 36.594, 199.576
Yxy	72.9530, 0.2434, 0.3252
Android (android.graphics.Color)	4285657588 (0xFF71F1F4)
YUV	203.0700, 20.1785, -78.9914
Hunter-Lab	85.4125, -35.3772, -7.4003

Details

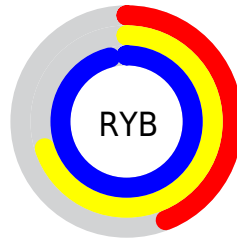
The XYZ color **54.5945, 72.9530, 96.7918** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **46.5356, 32.9175, 19.5257**, and the grayscale version is **56.7228, 59.6769, 64.9881**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **27.0927, 38.3629, 53.5538** is the 20% darker color. If you saturate the color by 10%, you get **51.7029, 71.2190, 96.6108**, and if you desaturate by 10%, it is **58.3347, 75.1285, 97.0159**.

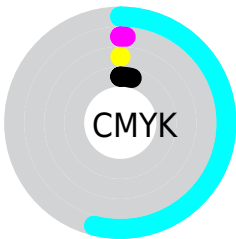
Distribution



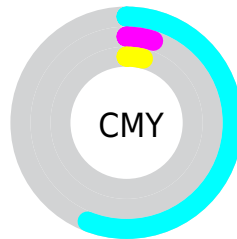
- Red (44%)
- Green (95%)
- Blue (96%)



- Red (44%)
- Yellow (70%)
- Blue (96%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5945, 72.9530, 96.7918 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 54.5945, 72.9530, 96.7918 by changing the saturation by 10% instead.

54.5945, 72.9530,
96.7918

54.5945, 72.9530,
96.7918

394.5344,
470.8519, 571.0157

39.3097, 53.9375,
73.0221

96.0984, 123.4105,
158.7545

27.1826, 38.5517,
53.5021

123.0482,
155.6213, 197.7847

17.8477, 26.4112,
37.8133

154.6170,
192.9993, 242.7386

10.9397, 17.1315,
25.5371

191.1703,
235.9290, 294.0350

6.0933, 10.3283,
16.2550

233.0733,
284.7947, 352.0924

2.9431, 5.6172,
9.5485

280.6914,

1.1237, 2.6137,

339.9808, 417.3293

4.9990

334.3900,
401.8718, 490.1642

■ 0.0448, 0.9336,
2.1879

■ 0.0000, 0.0000,
0.6674

■ 54.5945, 72.9530,
96.7918

■ 54.5945, 72.9530,
96.7918

■ 51.7029, 71.2190,
96.6108

■ 58.3347, 75.1285,
97.0159

■ 49.5840, 69.8824,
96.4645


■ 62.9785, 77.7690,
97.2808


■ 48.1598, 68.9047,
96.3509


■ 68.5840, 80.9060,
97.5909


■ 47.3324, 68.2354,
96.2653


■ 75.2025, 84.5660,
97.9485


 47.0257, 67.9245,
96.2214

 82.8819, 88.7736,
98.3559

 90.0267, 92.7064,
98.7384

 90.1953, 93.0436,
98.7946

 90.3644, 93.3818,
98.8510

 90.5340, 93.7210,
98.9075

Harmonies

Analogous

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



54.0012, 72.9530, 70.9880



54.5945, 72.9530, 96.7918



58.9411, 72.9530, 122.3045

Triad

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



54.5945, 72.9530, 96.7918



83.0274, 72.9530, 115.1621



72.4449, 72.9530, 40.6856

Complementary

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



54.5945, 72.9530, 96.7918



46.5356, 32.9175, 19.5257

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.



80.8945, 72.9530, 47.9725



54.5945, 72.9530, 96.7918



87.3380, 72.9530, 88.5234

Square

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



54.5945, 72.9530, 96.7918



75.1618, 72.9530, 134.3661



86.5260, 72.9530, 64.2853



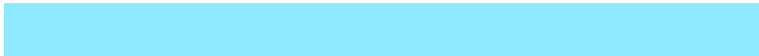
63.8262, 72.9530, 41.9795

Rectangle

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



54.5945, 72.9530, 96.7918



63.6037, 72.9530, 134.0180



86.5260, 72.9530, 64.2853



75.4105, 72.9530, 42.1401

Sweetspot

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



54.5967, 72.9558, 96.7935



81.3028, 92.4720, 108.1715



42.2675, 69.4556, 27.4555



17.0709, 19.6099, 23.1353



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.



54.5967, 72.9558, 96.7935



57.0238, 78.6453, 106.7823



38.7285, 41.2195, 91.5041



16.9623, 18.6889, 21.2559



25.5844, 36.9625, 52.3241



2.2588, 3.2689, 4.6022

Inverse Universe

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



59.0924, 37.3962, 87.3258



62.5043, 35.8615, 95.1139



56.7501, 53.3465, 22.9305



17.1963, 16.7614, 20.7803



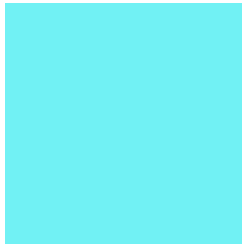
28.7183, 13.8308, 45.3525



2.5292, 1.2176, 4.0130

Previews

White Background



This preview shows how the XYZ color 54.5945, 72.9530, 96.7918 looks on a white background.

Color Contrast Check

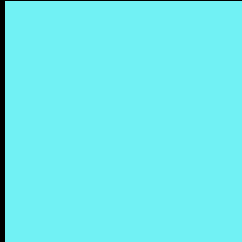
Large Text (above 18pt) WCAG AA × Fail

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 54.5945, 72.9530, 96.7918 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 54.5945, 72.9530, 96.7918

Background



This preview shows how black text looks on a background with the XYZ color 54.5945, 72.9530, 96.7918.

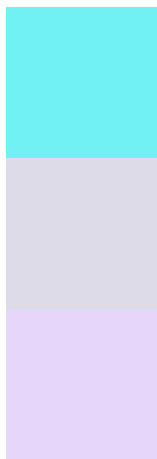


This preview shows how white text looks on a background with the XYZ color 54.5945, 72.9530,

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

54.5945, 72.9530, 96.7918

Protanopia

69.5741, 71.8047, 85.7941

Deuteranopia

73.5507, 71.9970, 100.4628



Tritanopia

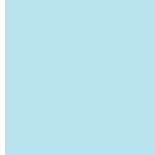
57.8499, 72.6939, 105.5901

Trichromacy



Original Color

54.5945, 72.9530, 96.7918



Protanomaly

61.9008, 70.9394, 89.7870



Deuteranomaly

63.8486, 70.5277, 99.0550



Tritanomaly

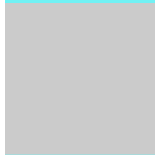
56.4446, 72.4741, 102.2807

Monochromacy



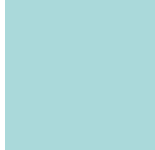
Original Color

54.5945, 72.9530, 96.7918



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.0453, 63.2337, 75.6865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5945, 72.9530, 96.7918 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(113, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(113, 241, 244)  
}
```

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(113, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.5945, 72.9530, 96.7918 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(113, 241, 244) }
```


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

```
.border{ border-color:rgb(113, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(113, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5945, 72.9530, 96.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 241, 244) }
```

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

```
.background{ background-color: rgb(113,  
241, 244) }
```

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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