

Converting Colors

XYZ(54.1670, 72.2002, 94.9956)

Have a look what the booklet for
XYZ(54.1670, 72.2002, 94.9956)
contains.

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Color

**XYZ(54.2573, 72.3758,
95.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	73F0F2
RGB	115, 240, 242
RGB Percent	45%, 94%, 95%
CMY	0.5490, 0.0588, 0.0510
CMYK	0.52, 0.01, 0.00, 0.05
HSL	181°, 83%, 70%
HSV	181°, 52%, 95%
XYZ	54.2573, 72.3758, 95.1147
YIQ	202.8530, -75.1420, -25.8780

Conversions

Conversions Part 2

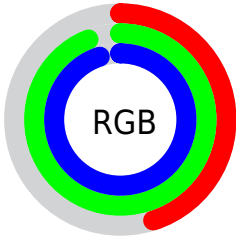
Format	Color
RYB	115, 178, 242
Decimal	7598322
CIELab	88.15, -34.15, -11.62
CIELCh	88, 36.069, 198.793
Yxy	72.3758, 0.2447, 0.3264
Android (android.graphics.Color)	4285788402 (0xFF73F0F2)
YUV	202.8530, 19.2995, -77.0471
Hunter-Lab	85.0740, -35.0382, -6.7358

Details

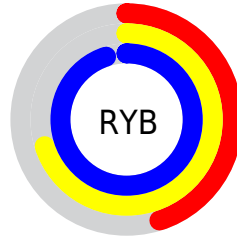
The XYZ color **54.2573, 72.3758, 95.1147** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **46.0751, 32.8389, 20.1315**, and the grayscale version is **56.5910, 59.5382, 64.8371**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **27.0856, 38.3840, 52.4357** is the 20% darker color. If you saturate the color by 10%, you get **51.3718, 70.7237, 94.9492**, and if you desaturate by 10%, it is **57.9826, 74.4645, 95.3228**.

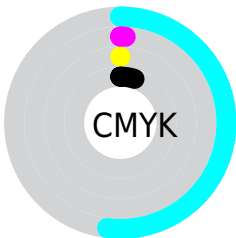
Distribution



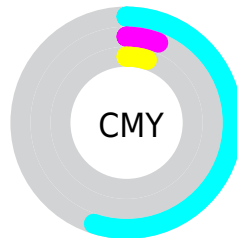
- Red (45%)
- Green (94%)
- Blue (95%)



- Red (45%)
- Yellow (70%)
- Blue (95%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2573, 72.3758, 95.1147 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 54.2573, 72.3758, 95.1147 by changing the saturation by 10% instead.

54.2573, 72.3758,
95.1147

54.2573, 72.3758,
95.1147

393.2728,
468.8486, 565.5258

39.0389, 53.4657,
71.6330

95.6066, 122.5907,
156.4200

26.9708, 38.1747,
52.3740

122.4682,
154.6642, 195.0807

17.6878, 26.1183,
36.9189

153.9416,
191.8944, 239.6382

10.8244, 16.9122,
24.8494

190.3922,
234.6657, 290.5109

6.0153, 10.1719,
15.7469

232.1852,
283.3623, 348.1176

2.8951, 5.5131,
9.1928

279.6861,

1.0986, 2.5513,

338.3687, 412.8765

4.7686

333.2601,
400.0693, 485.2065

■ 0.0239, 0.9023,
2.0558

■ 0.0000, 0.0000,
0.5893

■ 54.2573, 72.3758,
95.1147

■ 54.2573, 72.3758,
95.1147

■ 51.3718, 70.7237,
94.9492

■ 57.9826, 74.4645,
95.3228

■ 49.2526, 69.4654,
94.8180


■ 62.6007, 77.0121,
95.5711


■ 47.8248, 68.5638,
94.7192


■ 68.1679, 80.0494,
95.8640


■ 46.9954, 67.9711,
94.6485


■ 74.7343, 83.6020,
96.2036


 46.6585, 67.6734,
94.6088

 82.3461, 87.6940,
96.5923

 89.1052, 91.3468,
96.9411

 89.2188, 91.5740,
96.9789

 89.3327, 91.8017,
97.0169

 89.4467, 92.0299,
97.0549

Harmonies

Analogous

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



53.7740, 72.3758, 69.9312



54.2573, 72.3758, 95.1147



58.4355, 72.3758, 120.2030

Triad

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



54.2573, 72.3758, 95.1147



82.0351, 72.3758, 114.4114



72.0642, 72.3758, 40.7981

Complementary

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



54.2573, 72.3758, 95.1147



46.0751, 32.8389, 20.1315

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.



80.3029, 72.3758, 48.2050



54.2573, 72.3758, 95.1147



86.3719, 72.3758, 88.3993

Square

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



54.2573, 72.3758, 95.1147



74.2723, 72.3758, 132.8520



85.7128, 72.3758, 64.4751



63.5863, 72.3758, 41.8556

Rectangle

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



54.2573, 72.3758, 95.1147



62.9656, 72.3758, 131.8853



85.7128, 72.3758, 64.4751



74.9651, 72.3758, 42.3059

Sweetspot

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



54.2595, 72.3786, 95.1164



81.3956, 92.6574, 108.2024



41.9185, 68.3884, 27.2123



17.0933, 19.6547, 23.1428



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.



54.2595, 72.3786, 95.1164



57.6611, 79.5363, 106.9207



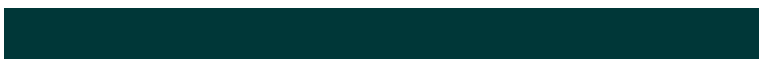
39.1191, 42.0977, 90.0696



16.2248, 17.8838, 20.3184



25.0752, 36.3746, 50.8273



2.0928, 3.0396, 4.2306

Inverse Universe

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



58.4787, 37.4318, 86.5840



62.9196, 36.3861, 96.1957



55.7342, 52.1571, 23.3512



16.4429, 16.0269, 19.8886



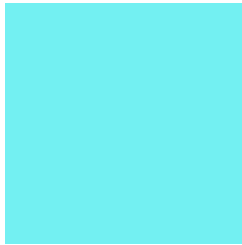
27.9824, 13.4654, 44.6854



2.3313, 1.1216, 3.7354

Previews

White Background



This preview shows how the XYZ color 54.2573, 72.3758, 95.1147 looks on a white background.

Color Contrast Check

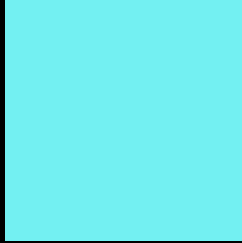
Large Text (above 18pt) WCAG AA × Fail

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 54.2573, 72.3758, 95.1147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

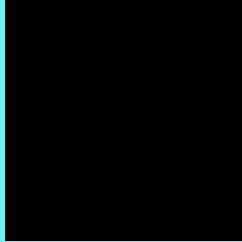
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2573, 72.3758, 95.1147

Background



This preview shows how black text looks on a background with the XYZ color 54.2573, 72.3758, 95.1147.



This preview shows how white text looks on a background with the XYZ color 54.2573, 72.3758,

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

54.2573, 72.3758, 95.1147

Protanopia

69.0331, 71.1721, 84.2279

Deuteranopia

72.9848, 71.3644, 98.7349



Tritanopia

57.3874, 72.4555, 105.5684

Trichromacy



Original Color

54.2573, 72.3758, 95.1147



Protanomaly

61.3390, 70.2783, 88.1741



Deuteranomaly

63.5157, 69.9940, 97.3513



Tritanomaly

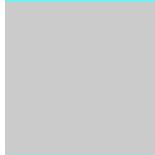
56.1420, 72.3363, 101.4458

Monochromacy



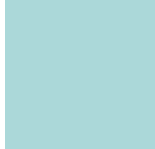
Original Color

54.2573, 72.3758, 95.1147



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

53.8748, 62.7794, 74.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2573, 72.3758, 95.1147 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(115, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(115, 240, 242)  
}
```

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(115, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.2573, 72.3758, 95.1147 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(115, 240, 242) }
```


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

```
.border{ border-color:rgb(115, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(115, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2573, 72.3758, 95.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 240, 242) }
```

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

```
.background{ background-color: rgb(115,  
240, 242) }
```

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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