

Converting Colors

XYZ(54.5957, 72.7233,
105.7672)

Have a look what the booklet for
XYZ(54.5957, 72.7233, 105.7672)
contains.

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Color

**XYZ(54.6509, 72.7832,
105.7759)**

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 63F1FF |
| RGB | 99, 241, 255 |
| RGB Percent | 39%, 95%, 100% |
| CMY | 0.6117, 0.0549, 0.0000 |
| CMYK | 0.61, 0.05, 0.00, 0.00 |
| HSL | 185°, 100%, 69% |
| HSV | 185°, 61%, 100% |
| XYZ | 54.6509, 72.7832, 105.7759 |
| YIQ | 200.1380, -89.1260, -25.7500 |

Conversions

Conversions Part 2

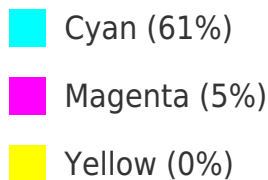
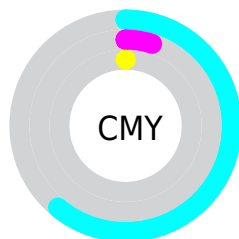
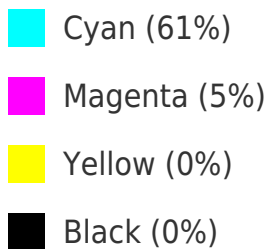
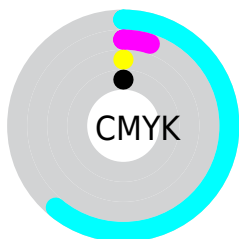
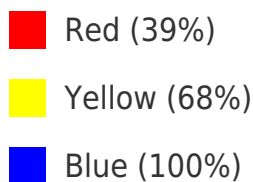
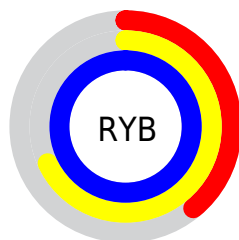
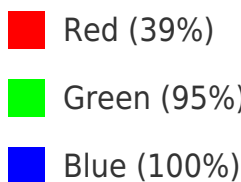
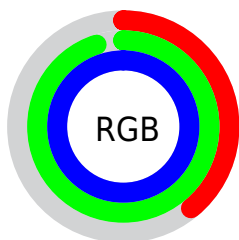
| Format | Color |
|-------------------------------------|---|
| RYB | 99, 173, 255 |
| Decimal | 6550015 |
| CIELab | 88.34, -33.99, -18.18 |
| CIELCh | 88, 38.541, 208.137 |
| Yxy | 72.7832, 0.2343, 0.3121 |
| Android (android.graphics.Color) | 4284740095 (0xFF63F1FF) |
| YUV | 200.1380, 27.0470, -88.6980 |
| Hunter-Lab | 85.3131, -34.9521, -13.7919 |

Details

The XYZ color **54.6509, 72.7832, 105.7759** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.3983, 33.9724, 15.7603**, and the grayscale version is **54.8650, 57.7222, 62.8595**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **27.3335, 38.3582, 59.3893** is the 20% darker color. If you saturate the color by 10%, you get **51.6196, 70.2230, 105.4415**, and if you desaturate by 10%, it is **58.5738, 75.8189, 106.1551**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6509, 72.7832, 105.7759 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 54.6509, 72.7832, 105.7759 by changing the saturation by 10% instead.


 54.6509, 72.7832,
105.7759


 54.6509, 72.7832,
105.7759


394.7452,
470.2631, 599.9604


 39.3550, 53.7987,
80.4893

 96.1806, 123.1694,
171.1931

 27.2180, 38.4408,
59.5925


 123.1451,
155.3399, 212.1606

 17.8744, 26.3249,
42.6671


 154.7299,
192.6745, 259.1923

 10.9590, 17.0669,
29.2946

191.3003,
235.5576, 312.7065

 6.1064, 10.2822,
19.0563

233.2217,
284.3736, 373.1219

 2.9511, 5.5865,
11.5337


280.8594,


 1.1280, 2.5953,


339.5069, 440.8570


6.3084

334.5788,
401.3420, 516.3303


 0.0483, 0.9243,
2.9617


 0.0000, 0.0000,
1.0751

 54.6509, 72.7832,
105.7759


 54.6509, 72.7832,
105.7759


 51.6196, 70.2230,
105.4415


 58.5738, 75.8189,
106.1551

 49.3880, 68.0860,
105.1466

 63.4573, 79.3609,
106.5814


 47.8548, 66.3215,
104.8869


 69.3703, 83.4463,
107.0583

 46.9404, 65.0007,
104.6801

 76.3737, 88.1067,
107.5887

 84.5237, 93.3709,
108.1752

 93.8725, 99.2660,
108.8204

 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.



52.8823, 72.7832, 77.6043



54.6509, 72.7832, 105.7759



60.2084, 72.7832, 130.8547

Triad

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



54.6509, 72.7832, 105.7759



85.4086, 72.7832, 109.2907



69.7580, 72.7832, 38.4646

Complementary

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



54.6509, 72.7832, 105.7759



49.3983, 33.9724, 15.7603

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.



78.9975, 72.7832, 43.3840



54.6509, 72.7832, 105.7759



88.5190, 72.7832, 80.9158

Square

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



54.6509, 72.7832, 105.7759



77.9085, 72.7832, 133.1814



86.0757, 72.7832, 57.5744



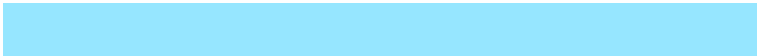
61.1258, 72.7832, 42.2854

Rectangle

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



54.6509, 72.7832, 105.7759



65.5863, 72.7832, 140.2743



86.0757, 72.7832, 57.5744



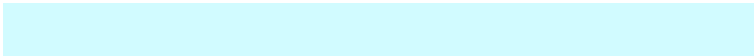
72.8990, 72.7832, 39.1235

Sweetspot

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



54.6529, 72.7858, 105.7763



78.8330, 89.7103, 107.7686



43.8316, 75.3432, 27.5641



16.3898, 18.8864, 23.0316



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

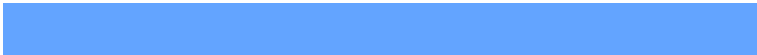
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.6529, 72.7858, 105.7763



51.1548, 69.8022, 105.3848



36.4729, 36.4259, 99.7163



18.4073, 20.1862, 23.1761



24.5849, 34.0795, 54.7168



2.4329, 3.3965, 5.3406

Inverse Universe

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



61.5804, 36.5364, 87.0285



58.8353, 31.6884, 84.1338



61.9068, 58.9895, 19.9299



18.7182, 18.2706, 22.3993



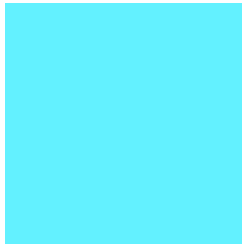
29.1975, 14.1683, 41.2862



2.8626, 1.3874, 4.1239

Previews

White Background



This preview shows how the XYZ color 54.6509, 72.7832, 105.7759 looks on a white background.

Color Contrast Check

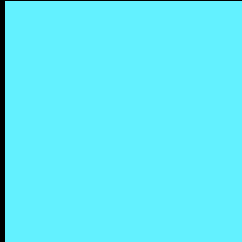
Large Text (above 18pt) WCAG AA × Fail

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 54.6509, 72.7832, 105.7759 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

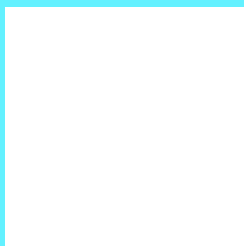
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6509, 72.7832, 105.7759

Background



This preview shows how black text looks on a background with the XYZ color 54.6509, 72.7832, 105.7759.

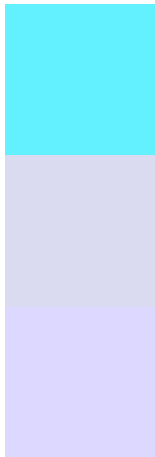


This preview shows how white text looks on a background with the XYZ color 54.6509, 72.7832,

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

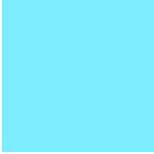
54.6509, 72.7832, 105.7759

Protanopia

70.1221, 71.9193, 93.4051

Deuteranopia

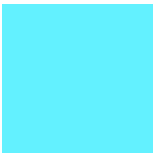
72.4247, 71.7039, 104.6308



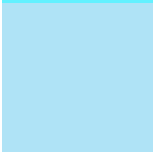
Tritanopia

57.0820, 72.7290, 105.6373

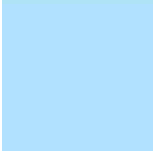
Trichromacy



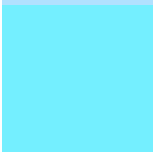
Original Color
54.6509, 72.7832, 105.7759



Protanomaly
61.7828, 70.7060, 97.5801



Deuteranomaly
63.1067, 70.4175, 104.8736

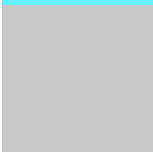


Tritanomaly
56.1190, 72.6660, 105.6759

Monochromacy



Original Color
54.6509, 72.7832, 105.7759



Achromatopsia
54.8990, 57.7580, 62.8985



Achromatomaly
52.3230, 61.5547, 76.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6509, 72.7832, 105.7759 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(99, 241, 255) looks like.

```
.text, #text, p{  
    color:rgb(99, 241, 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(99, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.6509, 72.7832, 105.7759 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(99, 241, 255) }
```


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

```
.border{ border-color:rgb(99, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(99, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6509, 72.7832, 105.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 241, 255) }
```

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

```
.background{ background-color: rgb(99, 241,  
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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