

Converting Colors

XYZ(54.2697, 72.0653,
106.2073)

Have a look what the booklet for
XYZ(54.2697, 72.0653, 106.2073)
contains.

XYZ(54.2471, 72.1368, 105.6724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.2471, 72.1368,
105.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	62F0FF
RGB	98, 240, 255
RGB Percent	38%, 94%, 100%
CMY	0.6157, 0.0588, 0.0000
CMYK	0.62, 0.06, 0.00, 0.00
HSL	186°, 100%, 69%
HSV	186°, 62%, 100%
XYZ	54.2471, 72.1368, 105.6724
YIQ	199.2520, -89.4470, -25.4390

Conversions

Conversions Part 2

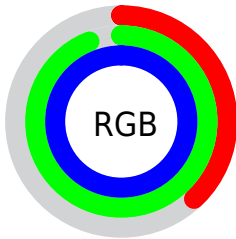
Format	Color
R_{YB}	98, 173, 255
Decimal	6484223
CIE _{Lab}	88.03, -33.68, -18.64
CIE _{LCh}	88, 38.494, 208.970
Yxy	72.1368, 0.2338, 0.3109
Android (android.graphics.Color)	4284674303 (0xFF62F0FF)
YUV	199.2520, 27.4838, -88.7980
Hunter-Lab	84.9334, -34.6252, -14.3140

Details

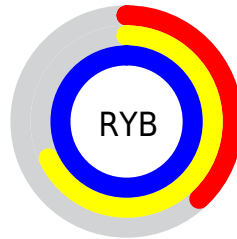
The XYZ color **54.2471, 72.1368, 105.6724** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.3508, 33.9535, 15.5101**, and the grayscale version is **54.3189, 57.1477, 62.2339**.

A 20% lighter version of the original color is **68.9143, 86.5265, 107.6769**, and **27.3335, 38.3582, 59.3893** is the 20% darker color. If you saturate the color by 10%, you get **51.2094, 69.5150, 105.3265**, and if you desaturate by 10%, it is **58.1744, 75.2347, 106.0634**.

Distribution



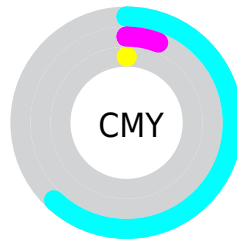
- Red (38%)
- Green (94%)
- Blue (100%)



- Red (38%)
- Yellow (68%)
- Blue (100%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2471, 72.1368, 105.6724 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 54.2471, 72.1368, 105.6724 by changing the saturation by 10% instead.

54.2471, 72.1368,
105.6724

54.2471, 72.1368,
105.6724

393.2346,
468.0176, 599.6311

39.0307, 53.2704,
80.4030

95.5917, 122.2510,
171.0504

26.9644, 38.0187,
59.5219

122.4507,
154.2676, 211.9960

17.6830, 25.9972,
42.6106

153.9212,
191.4365, 259.0042

10.8209, 16.8215,
29.2506

190.3686,
234.1419, 312.4933

6.0130, 10.1073,
19.0233

232.1583,
282.7684, 372.8821

2.8937, 5.4702,
11.5101

279.6556,

1.0978, 2.5257,

337.7002, 440.5889

6.2926

333.2259,
399.3218, 516.0324

■ 0.0233, 0.8895,
2.9521

■ 0.0000, 0.0000,
1.0702

■ 54.2471, 72.1368,
105.6724

■ 54.2471, 72.1368,
105.6724

■ 51.2094, 69.5150,
105.3265

■ 58.1744, 75.2347,
106.0634

■ 48.9688, 67.3167,
105.0202

■ 63.0607, 78.8398,
106.5017

■ 47.4230, 65.4908,
104.7493

■ 68.9752, 82.9892,
106.9909

■ 46.5256, 64.1712,
104.5419

■ 75.9788, 87.7147,
107.5339

■ 84.1281, 93.0452,
108.1332

■ 93.4754, 99.0079,
108.7915

■ 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.



52.3813, 72.1368, 77.6394



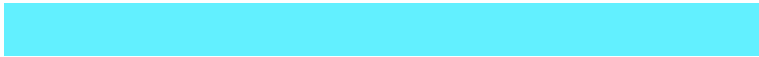
54.2471, 72.1368, 105.6724



59.8586, 72.1368, 130.3348

Triad

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



54.2471, 72.1368, 105.6724



84.8347, 72.1368, 107.6025



68.8817, 72.1368, 38.0568

Complementary

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



54.2471, 72.1368, 105.6724



49.3508, 33.9535, 15.5101

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.



78.0746, 72.1368, 42.6923



54.2471, 72.1368, 105.6724



87.7770, 72.1368, 79.4571

Square

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



54.2471, 72.1368, 105.6724



77.4768, 72.1368, 131.6128



85.2010, 72.1368, 56.5091



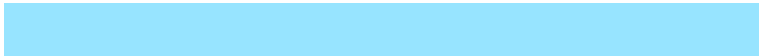
60.3621, 72.1368, 42.0898

Rectangle

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



54.2471, 72.1368, 105.6724



65.2409, 72.1368, 139.3693



85.2010, 72.1368, 56.5091



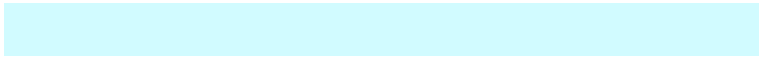
71.9978, 72.1368, 38.6308

Sweetspot

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



54.2491, 72.1394, 105.6728



78.7500, 89.5442, 107.7409



43.6722, 75.2669, 27.2915



16.3693, 18.8453, 23.0247



0.0000, 0.0000, 0.0000



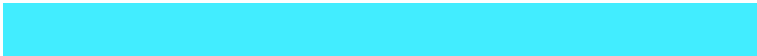
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2491, 72.1394, 105.6728



50.5938, 68.9423, 105.2484



36.2602, 36.1616, 99.6765



18.3978, 20.1672, 23.1729



24.3714, 33.6524, 54.6456



2.4143, 3.3593, 5.3344

Inverse Universe

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



61.3372, 36.2885, 86.2124



58.4881, 31.3045, 83.0610



61.7692, 58.7903, 19.6495



18.7134, 18.2687, 22.3741



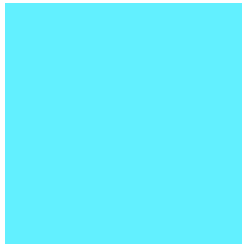
29.0898, 14.1252, 40.7187



2.8532, 1.3837, 4.0745

Previews

White Background



This preview shows how the XYZ color 54.2471, 72.1368, 105.6724 looks on a white background.

Color Contrast Check

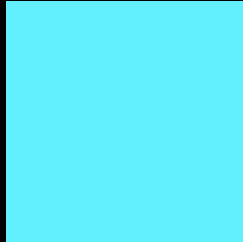
Large Text (above 18pt) WCAG AA × Fail

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 54.2471, 72.1368, 105.6724 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 54.2471, 72.1368, 105.6724

Background



This preview shows how black text looks on a background with the XYZ color 54.2471, 72.1368, 105.6724.

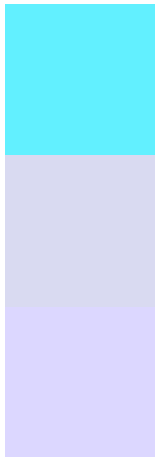


This preview shows how white text looks on a background with the XYZ color 54.2471, 72.1368,

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

54.2471, 72.1368, 105.6724

Protanopia

69.5639, 71.2454, 93.3044

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

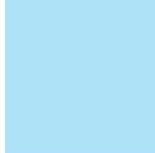
55.9419, 71.7103, 105.5008

Trichromacy



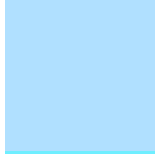
Original Color

54.2471, 72.1368, 105.6724



Protanomaly

61.2865, 70.0452, 97.4787



Deuteranomaly

62.6102, 69.7614, 104.7731



Tritanomaly

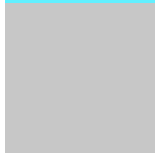
55.1801, 71.7486, 105.5483

Monochromacy



Original Color

54.2471, 72.1368, 105.6724



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.7330, 60.8890, 76.0440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2471, 72.1368, 105.6724 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(98, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 240, 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(98, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.2471, 72.1368, 105.6724 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(98, 240, 255) }
```


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

```
.border{ border-color:rgb(98, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2471, 72.1368, 105.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 240, 255) }
```

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

```
.background{ background-color: rgb(98, 240,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor