

Converting Colors

XYZ(58.7884, 75.0062,
111.4943)

Have a look what the booklet for
XYZ(58.7884, 75.0062, 111.4943)
contains.

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Color

**XYZ(57.5313, 74.2682,
105.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	7AF1FF
RGB	122, 241, 255
RGB Percent	48%, 95%, 100%
CMY	0.5215, 0.0549, 0.0000
CMYK	0.52, 0.05, 0.00, 0.00
HSL	186°, 100%, 74%
HSV	186°, 52%, 100%
XYZ	57.5313, 74.2682, 105.9107
YIQ	207.0150, -75.4180, -20.8740

Conversions

Conversions Part 2

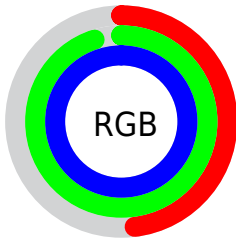
Format	Color
R_{YB}	122, 185, 255
Decimal	8057343
CIE _{Lab}	89.05, -29.84, -17.04
CIE _{LCh}	89, 34.369, 209.730
Yxy	74.2682, 0.2420, 0.3124
Android (android.graphics.Color)	4286247423 (0xFF7AF1FF)
YUV	207.0150, 23.6566, -74.5582
Hunter-Lab	86.1790, -31.6504, -12.5398

Details

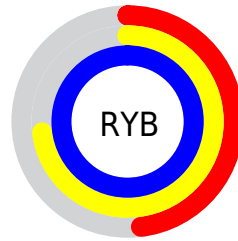
The XYZ color **57.5313, 74.2682, 105.9107** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.5576, 40.2741, 23.3651**, and the grayscale version is **59.2071, 62.2904, 67.8343**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **29.0633, 39.5594, 59.5300** is the 20% darker color. If you saturate the color by 10%, you get **53.5952, 71.0701, 105.5009**, and if you desaturate by 10%, it is **62.4303, 77.9834, 106.3696**.

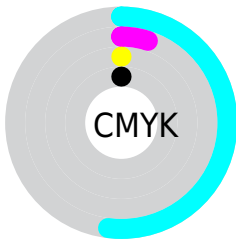
Distribution



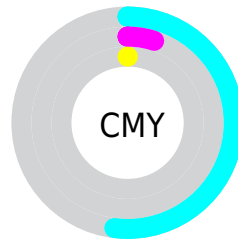
- Red (48%)
- Green (95%)
- Blue (100%)



- Red (48%)
- Yellow (73%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5313, 74.2682, 105.9107 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 57.5313, 74.2682, 105.9107 by changing the saturation by 10% instead.

57.5313, 74.2682,
105.9107

57.5313, 74.2682,
105.9107

405.4193,
475.3985, 600.3890

41.6738, 55.0136,
80.6016

100.3669,
125.2759, 171.3789

29.0359, 39.4126,
59.6845

128.0757,
157.7978, 212.3750

19.2524, 27.0809,
42.7407

160.4656,
195.5109, 259.4373

11.9579, 17.6340,
29.3518

197.9019,
238.7996, 312.9842

6.7870, 10.6875,
19.0993

240.7501,
288.0484, 373.4343

3.3744, 5.8571,
11.5645

289.3755,

1.3547, 2.7584,

343.6415, 441.2061

6.3290

344.1434,
405.9634, 516.7181

■ 0.2236, 1.0069,
2.9741

■ 0.0000, 0.0000,
1.0814

■ 57.5313, 74.2682,
105.9107

■ 57.5313, 74.2682,
105.9107

■ 53.5952, 71.0701,
105.5009

■ 62.4303, 77.9834,
106.3696

■ 50.5399, 68.3418,
105.1353

■ 68.3536, 82.2424,
106.8795

■ 48.2803, 66.0408,
104.8103

■ 75.3648, 87.0798,
107.4437

■ 46.7105, 64.1126,
104.5208

■ 83.5205, 92.5247,
108.0648

■ 45.8386, 62.7972,
104.3129

■ 92.8733, 98.6045,
108.7454

95.0500, 100.0000,
108.9000

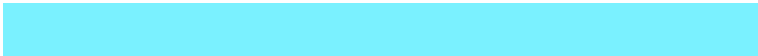
Harmonies

Analogous

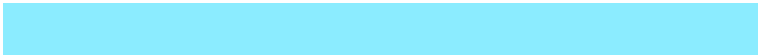
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.7050, 74.2682, 80.6489



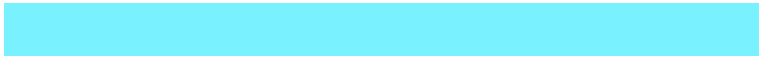
57.5313, 74.2682, 105.9107



62.7933, 74.2682, 127.4959

Triad

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



57.5313, 74.2682, 105.9107



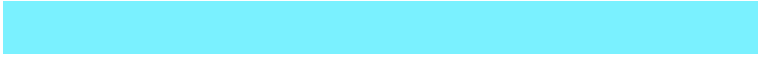
85.4022, 74.2682, 106.3606



70.6654, 74.2682, 43.0139

Complementary

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



57.5313, 74.2682, 105.9107



53.5576, 40.2741, 23.3651

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.



79.0061, 74.2682, 47.2669



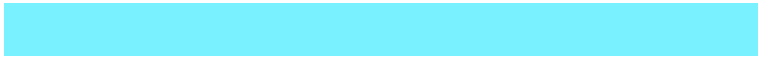
57.5313, 74.2682, 105.9107



87.9145, 74.2682, 81.0823

Square

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



57.5313, 74.2682, 105.9107



78.8649, 74.2682, 127.7897



85.4881, 74.2682, 60.1169



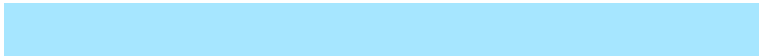
62.9146, 74.2682, 47.1155

Rectangle

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



57.5313, 74.2682, 105.9107



67.7626, 74.2682, 135.1471



85.4881, 74.2682, 60.1169



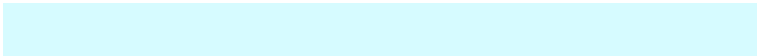
73.4944, 74.2682, 43.4996

Sweetspot

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



57.5333, 74.2709, 105.9111



80.2455, 90.3572, 107.8190



48.1816, 77.4159, 35.4378



16.8159, 19.1000, 23.0503



0.0000, 0.0000, 0.0000



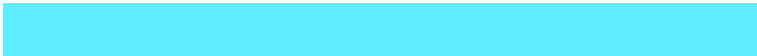
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5333, 74.2709, 105.9111



53.3038, 70.8218, 105.4683



41.4465, 42.0972, 100.5489



18.3819, 20.1355, 23.1677



24.0177, 32.9450, 54.5277



2.3835, 3.2976, 5.3242

Inverse Universe

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



64.0780, 41.5316, 87.8613



60.7203, 35.5063, 84.6141



65.8274, 64.8136, 27.4550



18.7054, 18.2655, 22.3319



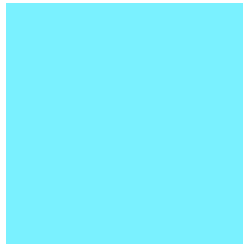
28.9112, 14.0538, 39.7785



2.8377, 1.3774, 3.9926

Previews

White Background



This preview shows how the XYZ color 57.5313, 74.2682, 105.9107 looks on a white background.

Color Contrast Check

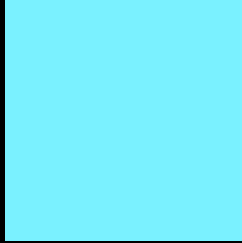
Large Text (above 18pt) WCAG AA × Fail

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 57.5313, 74.2682, 105.9107 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 57.5313, 74.2682, 105.9107

Background



This preview shows how black text looks on a background with the XYZ color 57.5313, 74.2682, 105.9107.

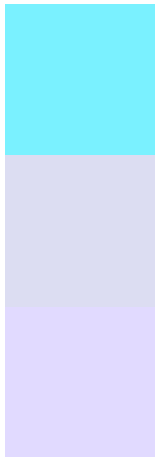


This preview shows how white text looks on a background with the XYZ color 57.5313, 74.2682,

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

57.5313, 74.2682, 105.9107

Protanopia

71.3987, 73.3394, 94.3972

Deuteranopia

74.1727, 73.3704, 104.8603



Tritanopia

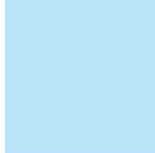
59.7799, 74.1199, 105.7636

Trichromacy



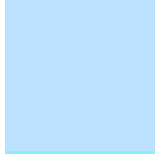
Original Color

57.5313, 74.2682, 105.9107



Protanomaly

64.2991, 72.3926, 98.5799



Deuteranomaly

65.9854, 72.3041, 105.0860



Tritanomaly

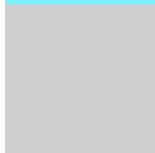
58.9082, 74.1039, 105.8064

Monochromacy



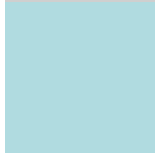
Original Color

57.5313, 74.2682, 105.9107



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.6906, 65.2750, 80.1324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5313, 74.2682, 105.9107 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(122, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5313, 74.2682, 105.9107 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(122, 241, 255) }
```


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

```
.border{ border-color:rgb(122, 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(122, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5313, 74.2682, 105.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 241, 255) }
```

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

```
.background{ background-color: rgb(122,  
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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