

Converting Colors

XYZ(58.6918, 75.1402,
105.1013)

Have a look what the booklet for
XYZ(58.6918, 75.1402, 105.1013)
contains.

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Color

**XYZ(58.8474, 75.4058,
105.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	82F2FE
RGB	130, 242, 254
RGB Percent	51%, 95%, 100%
CMY	0.4902, 0.0510, 0.0039
CMYK	0.49, 0.05, 0.00, 0.00
HSL	186°, 98%, 75%
HSV	186°, 49%, 100%
XYZ	58.8474, 75.4058, 105.2191
YIQ	209.8800, -70.6040, -20.0120

Conversions

Conversions Part 2

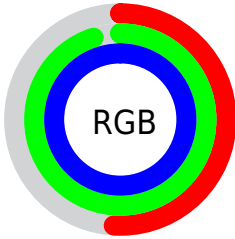
Format	Color
R _Y B	130, 189, 254
Decimal	8581886
CIE Lab	89.58, -28.94, -15.69
CIE LCh	90, 32.924, 208.464
Yxy	75.4058, 0.2457, 0.3149
Android (android.graphics.Color)	4286771966 (0xFF82F2FE)
YUV	209.8800, 21.7512, -70.0548
Hunter-Lab	86.8365, -30.9980, -11.0557

Details

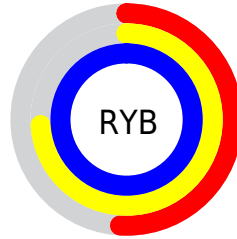
The XYZ color **58.8474, 75.4058, 105.2191** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.5767, 42.0299, 26.3571**, and the grayscale version is **61.0769, 64.2577, 69.9766**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **29.9517, 40.3423, 59.0316** is the 20% darker color. If you saturate the color by 10%, you get **54.6958, 72.1886, 104.8183**, and if you desaturate by 10%, it is **63.9750, 79.1441, 105.6718**.

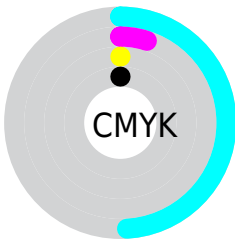
Distribution



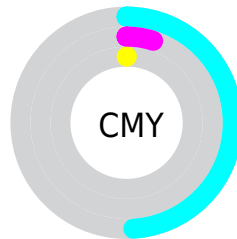
- Red (51%)
- Green (95%)
- Blue (100%)



- Red (51%)
- Yellow (74%)
- Blue (100%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8474, 75.4058, 105.2191 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 58.8474, 75.4058, 105.2191 by changing the saturation by 10% instead.


 58.8474, 75.4058,
105.2191


 58.8474, 75.4058,
105.2191


410.2393,
479.3112, 598.1881

 42.7362, 55.9454,
80.0252


 102.2717,
126.8866, 170.4253

 29.8718, 40.1591,
59.2128


 130.3156,
159.6758, 211.2748

 19.8889, 27.6627,
42.3633

 163.0677,
197.6768, 258.1798

 12.4221, 18.0715,
29.0582

200.8934,
241.2738, 311.5590

 7.1061, 11.0013,
18.8789

244.1580,
290.8514, 371.8309

 3.5754, 6.0677,
11.4069

293.2270,

 1.4649, 2.8863,

346.7939, 439.4140

6.2236

348.4656,
409.4857, 514.7269

■ 0.3017, 1.0727,
2.9105

■ 0.0000, 0.0000,
1.0491

■ 58.8474, 75.4058,
105.2191

■ 58.8474, 75.4058,
105.2191

■ 54.6958, 72.1886,
104.8183

■ 63.9750, 79.1441,
105.6718

■ 51.4410, 69.4466,
104.4606

■ 70.1363, 83.4283,
106.1740

■ 49.0033, 67.1402,
104.1439

■ 77.3928, 88.2918,
106.7302

■ 47.2851, 65.2192,
103.8636

■ 85.7991, 93.7628,
107.3432

■ 46.1449, 63.6106, 94.6643, 99.4852,
103.6132 107.9805

■ 46.0266, 63.4298, 94.8896, 99.9359,
103.5846 108.0556

Harmonies

Analogous

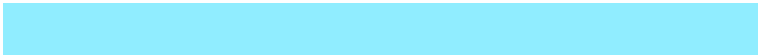
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2188, 75.4058, 80.9156



58.8474, 75.4058, 105.2191



63.8390, 75.4058, 126.2274

Triad

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



58.8474, 75.4058, 105.2191



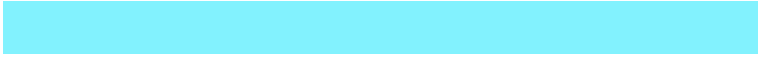
85.7631, 75.4058, 107.6785



72.0888, 75.4058, 45.1375

Complementary

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



58.8474, 75.4058, 105.2191



54.5767, 42.0299, 26.3571

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.



80.1186, 75.4058, 49.6869



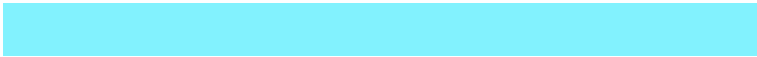
58.8474, 75.4058, 105.2191



88.3722, 75.4058, 83.3041

Square

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



58.8474, 75.4058, 105.2191



79.3432, 75.4058, 127.8249



86.2339, 75.4058, 62.6495



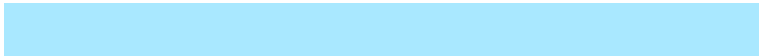
64.5100, 75.4058, 48.8374

Rectangle

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



58.8474, 75.4058, 105.2191



68.6049, 75.4058, 133.9449



86.2339, 75.4058, 62.6495



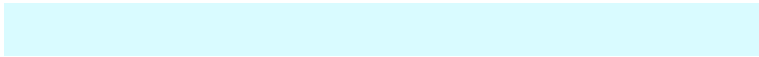
74.8270, 75.4058, 45.7333

Sweetspot

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



58.8497, 75.4087, 105.2209



81.1817, 91.1147, 107.9159



49.4077, 77.5343, 37.3036



17.0055, 19.2595, 23.0711



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.



58.8497, 75.4087, 105.2209



55.1135, 72.7772, 105.7504



43.7570, 45.2232, 100.1900



18.3958, 20.1632, 23.1723



24.3262, 33.5620, 54.6306



2.4104, 3.3514, 5.3331

Inverse Universe

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



64.8846, 43.4489, 88.9741



62.0399, 37.5893, 86.7689



66.1028, 65.0822, 30.1991



18.7124, 18.2683, 22.3688



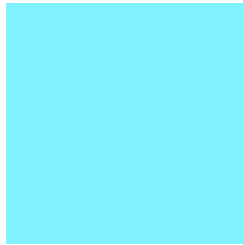
29.0669, 14.1161, 40.5985



2.8512, 1.3829, 4.0641

Previews

White Background



This preview shows how the XYZ color 58.8474, 75.4058, 105.2191 looks on a white background.

Color Contrast Check

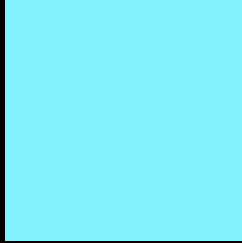
Large Text (above 18pt) WCAG AA × Fail

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 58.8474, 75.4058, 105.2191 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 58.8474, 75.4058, 105.2191

Background



This preview shows how black text looks on a background with the XYZ color 58.8474, 75.4058, 105.2191.

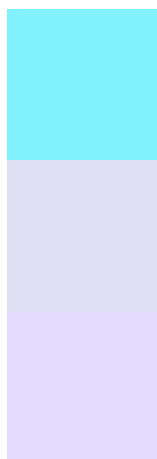


This preview shows how white text looks on a background with the XYZ color 58.8474, 75.4058,

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

58.8474, 75.4058, 105.2191

Protanopia

72.5797, 74.3413, 94.5284

Deuteranopia

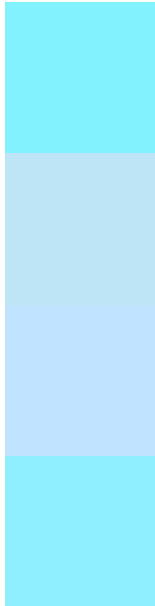
75.3764, 74.3770, 104.9912



Tritanopia

61.5734, 75.0445, 105.8475

Trichromacy



Original Color

58.8474, 75.4058, 105.2191

Protanomaly

65.6401, 73.5113, 97.9183

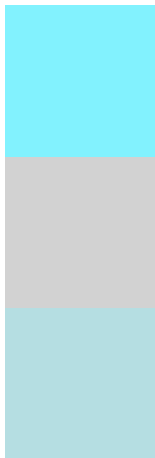
Deuteranomaly

67.2573, 73.3646, 105.2237

Tritanomaly

60.4181, 74.8823, 105.8771

Monochromacy



Original Color

58.8474, 75.4058, 105.2191

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

58.9048, 67.5573, 81.8868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8474, 75.4058, 105.2191 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(130, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(130, 242, 254)  
}
```

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(130, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 242, 254) }
```

Border

The CSS property to change the border of an element to XYZ 58.8474, 75.4058, 105.2191 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(130, 242, 254) }
```


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

```
.border{ border-color:rgb(130, 242, 254) }
```

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

Here you see how a box with a 4 pixel rgb(130, 242, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(130, 242,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8474, 75.4058, 105.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 242, 254) }
```

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

```
.background{ background-color: rgb(130,  
242, 254) }
```

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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