

Converting Colors

XYZ(58.7004, 75.0194,
102.9632)

Have a look what the booklet for
XYZ(58.7004, 75.0194, 102.9632)
contains.

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Color

**XYZ(58.5407, 74.8622,
102.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	85F1FB
RGB	133, 241, 251
RGB Percent	52%, 95%, 98%
CMY	0.4784, 0.0549, 0.0157
CMYK	0.47, 0.04, 0.00, 0.02
HSL	185°, 94%, 75%
HSV	185°, 47%, 98%
XYZ	58.5407, 74.8622, 102.6312
YIQ	209.8480, -67.5780, -19.7860

Conversions

Conversions Part 2

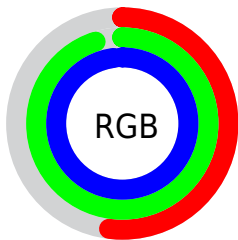
Format	Color
RYB	133, 189, 251
Decimal	8778235
CIELab	89.33, -28.59, -14.50
CIELCh	89, 32.055, 206.886
Yxy	74.8622, 0.2480, 0.3172
Android (android.graphics.Color)	4286968315 (0xFF85F1FB)
YUV	209.8480, 20.2879, -67.3957
Hunter-Lab	86.5229, -30.6435, -9.7621

Details

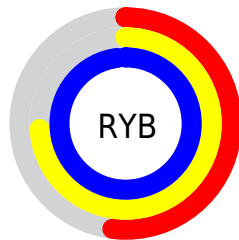
The XYZ color **58.5407, 74.8622, 102.6312** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8410, 41.8487, 27.4319**, and the grayscale version is **61.0637, 64.2438, 69.9615**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **29.7978, 39.9776, 57.7757** is the 20% darker color. If you saturate the color by 10%, you get **54.4162, 71.8086, 102.2605**, and if you desaturate by 10%, it is **63.6238, 78.4244, 103.0522**.

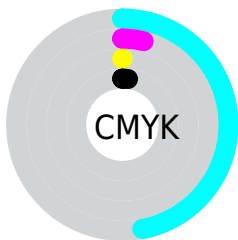
Distribution



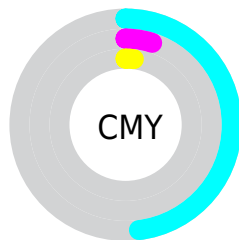
- Red (52%)
- Green (95%)
- Blue (98%)



- Red (52%)
- Yellow (74%)
- Blue (98%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5407, 74.8622, 102.6312 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 58.5407, 74.8622, 102.6312 by changing the saturation by 10% instead.

58.5407, 74.8622,
102.6312

58.5407, 74.8622,
102.6312

409.1192,
477.4438, 589.9146

42.4884, 55.5000,
77.8707

101.8283,
126.1173, 166.8517

29.6767, 39.8022,
57.4519

129.7943,
158.7790, 207.1488

19.7402, 27.3843,
40.9564

162.4623,
196.6426, 253.4618

12.3135, 17.8621,
27.9656

200.1976,
240.0926, 306.2092

7.0313, 10.8510,
18.0609

243.3656,
289.5133, 365.8097

3.5282, 5.9667,
10.8238

292.3316,

1.4388, 2.8249,

345.2891, 432.6817

5.8358

347.4610,
407.8045, 507.2438

■ 0.2836, 1.0410,
2.6783

■ 0.0000, 0.0000,
0.9325

■ 58.5407, 74.8622,
102.6312

■ 58.5407, 74.8622,
102.6312

■ 54.4162, 71.8086,
102.2605

■ 63.6238, 78.4244,
103.0522

■ 51.1750, 69.2194,
101.9316

■ 69.7204, 82.5183,
103.5211

■ 48.7414, 67.0575,
101.6425

■ 76.8895, 87.1760,
104.0422

■ 47.0243, 65.2757,
101.3891

■ 85.1834, 92.4246,
104.6182

■ 45.9069, 63.8138,
101.1658

■ 93.3495, 97.6184,
105.1903

■ 45.6360, 63.4114,
101.1024

■ 94.0198, 98.9591,
105.4137

■ 94.4128, 99.7451,
105.5447

Harmonies

Analogous

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



57.1411, 74.8622, 79.1901



58.5407, 74.8622, 102.6312



63.2342, 74.8622, 123.2739

Triad

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



58.5407, 74.8622, 102.6312



84.5392, 74.8622, 107.4394



71.9761, 74.8622, 45.5625

Complementary

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



58.5407, 74.8622, 102.6312



53.8410, 41.8487, 27.4319

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.



79.7095, 74.8622, 50.4406



58.5407, 74.8622, 102.6312



87.2894, 74.8622, 83.8793

Square

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



58.5407, 74.8622, 102.6312



78.1898, 74.8622, 126.3888



85.4608, 74.8622, 63.5094



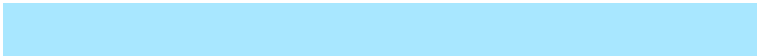
64.5539, 74.8622, 48.7572

Rectangle

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



58.5407, 74.8622, 102.6312



67.7893, 74.8622, 131.1908



85.4608, 74.8622, 63.5094



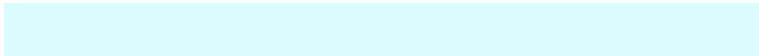
74.6288, 74.8622, 46.2869

Sweetspot

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



58.5430, 74.8651, 102.6330



82.1564, 91.9319, 108.0223



49.1170, 75.9605, 37.9954



17.2044, 19.4346, 23.0944



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

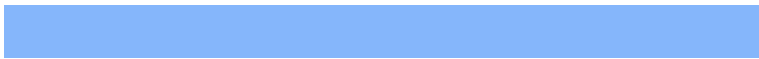
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.5430, 74.8651, 102.6330



56.7785, 74.7198, 106.0376



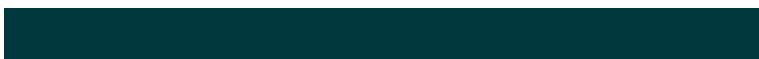
43.8493, 45.4777, 97.7351



17.6327, 19.3421, 22.1894



24.0412, 33.4379, 53.1606



2.2626, 3.1689, 4.9356

Inverse Universe

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



64.0502, 43.6370, 88.2693



63.2190, 39.3576, 88.9804



65.1003, 64.3674, 31.1850



17.9259, 17.4977, 21.4654



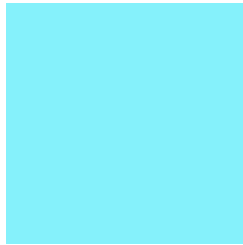
28.4269, 13.7865, 40.5520



2.6510, 1.2841, 3.8514

Previews

White Background



This preview shows how the XYZ color 58.5407, 74.8622, 102.6312 looks on a white background.

Color Contrast Check

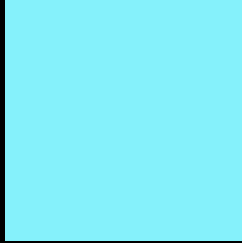
Large Text (above 18pt) WCAG AA × Fail

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 58.5407, 74.8622, 102.6312 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 58.5407, 74.8622, 102.6312

Background



This preview shows how black text looks on a background with the XYZ color 58.5407, 74.8622, 102.6312.

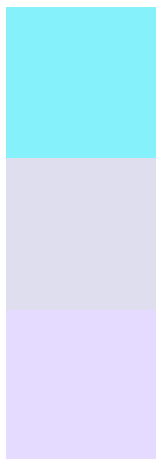


This preview shows how white text looks on a background with the XYZ color 58.5407, 74.8622,

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

58.5407, 74.8622, 102.6312

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

75.4345, 74.0208, 104.9194



Tritanopia

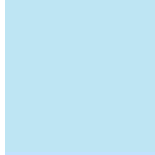
61.2022, 74.8531, 105.8301

Trichromacy



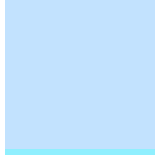
Original Color

58.5407, 74.8622, 102.6312



Protanomaly

65.4322, 73.4568, 95.5240



Deuteranomaly

67.3339, 73.0178, 104.3109



Tritanomaly

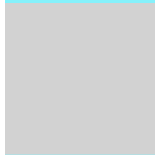
60.2575, 74.8181, 105.0314

Monochromacy



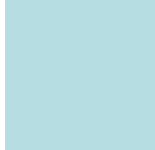
Original Color

58.5407, 74.8622, 102.6312



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.7385, 67.0942, 81.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5407, 74.8622, 102.6312 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(133, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(133, 241, 251)  
}
```

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(133, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 241, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.5407, 74.8622, 102.6312 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(133, 241, 251) }
```


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

```
.border{ border-color:rgb(133, 241, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 241, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(133, 241,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5407, 74.8622, 102.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 241, 251) }
```

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

```
.background{ background-color: rgb(133,  
241, 251) }
```

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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