

Converting Colors

XYZ(57.5045, 74.6250,
102.3564)

Have a look what the booklet for
XYZ(57.5045, 74.6250, 102.3564)
contains.

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Color

**XYZ(57.6222, 74.8293,
102.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	7DF2FB
RGB	125, 242, 251
RGB Percent	49%, 95%, 98%
CMY	0.5098, 0.0510, 0.0157
CMYK	0.50, 0.04, 0.00, 0.02
HSL	184°, 94%, 74%
HSV	184°, 50%, 98%
XYZ	57.6222, 74.8293, 102.6733
YIQ	208.0430, -72.6210, -22.0050

Conversions

Conversions Part 2

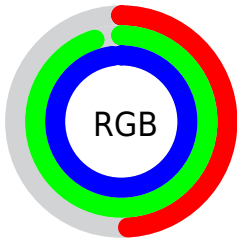
Format	Color
R _Y B	125, 186, 251
Decimal	8254203
CIE Lab	89.31, -30.76, -14.55
CIE LCh	89, 34.027, 205.314
Yxy	74.8293, 0.2451, 0.3183
Android (android.graphics.Color)	4286444283 (0xFF7DF2FB)
YUV	208.0430, 21.1778, -72.8287
Hunter-Lab	86.5039, -32.4790, -9.8198

Details

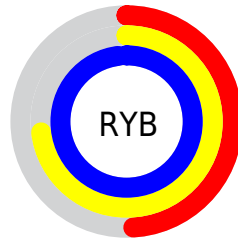
The XYZ color **57.6222, 74.8293, 102.6733** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.0119, 39.0416, 24.1985**, and the grayscale version is **59.8850, 63.0037, 68.6110**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **29.2727, 40.0186, 57.8113** is the 20% darker color. If you saturate the color by 10%, you get **53.8803, 72.1139, 102.3477**, and if you desaturate by 10%, it is **62.2995, 78.0382, 103.0475**.

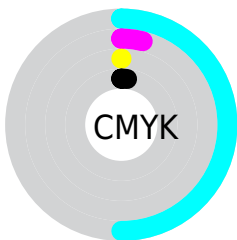
Distribution



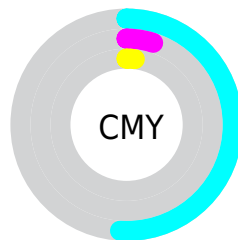
- Red (49%)
- Green (95%)
- Blue (98%)



- Red (49%)
- Yellow (73%)
- Blue (98%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6222, 74.8293, 102.6733 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 57.6222, 74.8293, 102.6733 by changing the saturation by 10% instead.

57.6222, 74.8293,
102.6733

57.6222, 74.8293,
102.6733

405.7533,
477.3306, 590.0497

41.7471, 55.4731,
77.9057

100.4986,
126.0707, 166.9099

29.0935, 39.7806,
57.4805

128.2306,
158.7246, 207.2160

19.2962, 27.3675,
40.9792

160.6456,
196.5799, 253.5387

11.9898, 17.8494,
27.9833

198.1090,
240.0210, 306.2965

6.8089, 10.8419,
18.0741

240.9861,
289.4322, 365.9079

3.3881, 5.9607,
10.8332

289.6423,

1.3622, 2.8212,

345.1980, 432.7916

5.8420

344.4429,
407.7026, 507.3660

■ 0.2290, 1.0391,
2.6820

■ 0.0000, 0.0000,
0.9344

■ 57.6222, 74.8293,
102.6733

■ 57.6222, 74.8293,
102.6733

■ 53.8803, 72.1139,
102.3477

■ 62.2995, 78.0382,
103.0475

■ 50.9960, 69.8465,
102.0621

■ 67.9692, 81.7647,
103.4679

■ 48.8899, 67.9881,
101.8144

■ 74.6917, 86.0418,
103.9392

■ 47.4649, 66.4885,
101.6000

■ 82.5206, 90.8970,
104.4637

■ 46.5735, 65.2865,
101.4150

■ 91.5057, 96.3562,
105.0439

■ 93.7020, 98.3235,
105.3078

■ 94.2699, 99.4592,
105.4971

■ 94.4128, 99.7451,
105.5448

Harmonies

Analogous

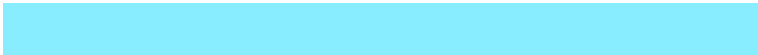
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3436, 74.8293, 77.7911



57.6222, 74.8293, 102.6733



62.4038, 74.8293, 125.2442

Triad

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



57.6222, 74.8293, 102.6733



85.1020, 74.8293, 110.4226



72.4377, 74.8293, 43.8193

Complementary

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



57.6222, 74.8293, 102.6733



52.0119, 39.0416, 24.1985

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.



80.6188, 74.8293, 49.3168



57.6222, 74.8293, 102.6733



88.2843, 74.8293, 85.2762

Square

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



57.6222, 74.8293, 102.6733



78.1833, 74.8293, 130.2951



86.5833, 74.8293, 63.4182



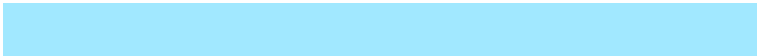
64.5011, 74.8293, 46.6872

Rectangle

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



57.6222, 74.8293, 102.6733



67.1447, 74.8293, 134.3037



86.5833, 74.8293, 63.4182



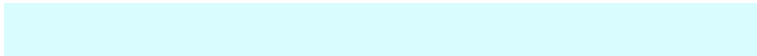
75.2555, 74.8293, 44.7138

Sweetspot

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



57.6245, 74.8322, 102.6751



81.4858, 91.7230, 108.0173



47.2177, 75.0605, 34.3370



17.0795, 19.4077, 23.0958



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

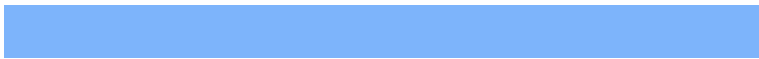
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6245, 74.8322, 102.6751



55.9024, 74.7906, 106.0974



42.1126, 43.8085, 97.5044



17.6535, 19.3838, 22.1963



24.5265, 34.4085, 53.3224



2.3024, 3.2485, 4.9489

Inverse Universe

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



63.1462, 41.5893, 88.7069



62.3317, 37.2989, 89.5609



63.3174, 61.6525, 27.9670



17.9364, 17.5019, 21.5208



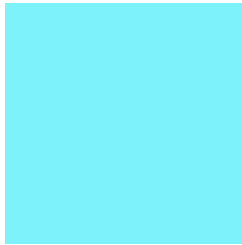
28.6718, 13.8845, 41.8419



2.6711, 1.2922, 3.9573

Previews

White Background



This preview shows how the XYZ color 57.6222, 74.8293, 102.6733 looks on a white background.

Color Contrast Check

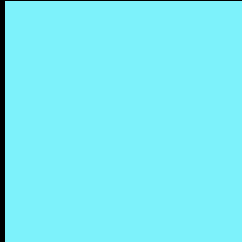
Large Text (above 18pt) WCAG AA × Fail

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 57.6222, 74.8293, 102.6733 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 57.6222, 74.8293, 102.6733

Background



This preview shows how black text looks on a background with the XYZ color 57.6222, 74.8293, 102.6733.

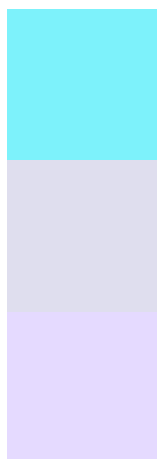


This preview shows how white text looks on a background with the XYZ color 57.6222, 74.8293,

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

57.6222, 74.8293, 102.6733

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

75.4345, 74.0208, 104.9194



Tritanopia

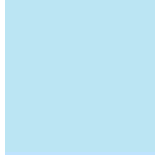
60.6572, 74.5721, 105.8046

Trichromacy



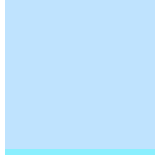
Original Color

57.6222, 74.8293, 102.6733



Protanomaly

64.6905, 73.0745, 95.4893



Deuteranomaly

66.8443, 73.1703, 104.3661



Tritanomaly

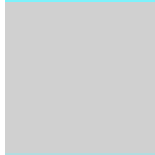
59.4034, 74.3777, 104.9914

Monochromacy



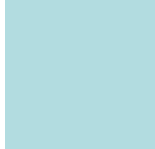
Original Color

57.6222, 74.8293, 102.6733



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.4078, 66.0332, 80.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6222, 74.8293, 102.6733 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(125, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(125, 242, 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(125, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 242, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.6222, 74.8293, 102.6733 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(125, 242, 251) }
```


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

```
.border{ border-color:rgb(125, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 242, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 242, 251); box-shadow:4px 4px 4px 4px rgb(125, 242, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6222, 74.8293, 102.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 242, 251) }
```

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

```
.background{ background-color: rgb(125,  
242, 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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