

Converting Colors

XYZ(57.2303, 74.6304,
105.9965)

Have a look what the booklet for
XYZ(57.2303, 74.6304, 105.9965)
contains.

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Color

**XYZ(57.1382, 74.5062,
105.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	75F2FF
RGB	117, 242, 255
RGB Percent	46%, 95%, 100%
CMY	0.5412, 0.0510, 0.0000
CMYK	0.54, 0.05, 0.00, 0.00
HSL	186°, 100%, 73%
HSV	186°, 54%, 100%
XYZ	57.1382, 74.5062, 105.9774
YIQ	206.1070, -78.6730, -22.4570

Conversions

Conversions Part 2

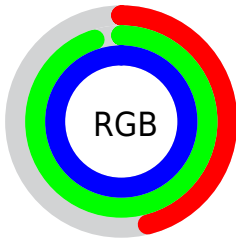
Format	Color
RYB	117, 183, 255
Decimal	7729919
CIELab	89.16, -31.29, -16.89
CIELCh	89, 35.562, 208.360
Yxy	74.5062, 0.2405, 0.3135
Android (android.graphics.Color)	4285919999 (0xFF75F2FF)
YUV	206.1070, 24.1042, -78.1468
Hunter-Lab	86.3170, -32.8952, -12.3726

Details

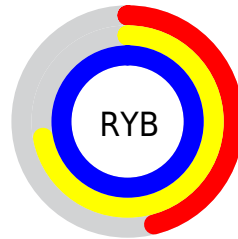
The XYZ color **57.1382, 74.5062, 105.9774** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.4341, 38.5103, 21.5011**, and the grayscale version is **58.6233, 61.6763, 67.1655**.

A 20% lighter version of the original color is **72.4004, 88.3237, 107.8400**, and **28.8787, 39.7759, 59.5815** is the 20% darker color. If you saturate the color by 10%, you get **53.4576, 71.5563, 105.6020**, and if you desaturate by 10%, it is **61.7652, 77.9613, 106.4004**.

Distribution



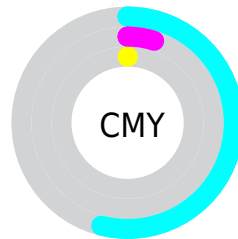
- Red (46%)
- Green (95%)
- Blue (100%)



- Red (46%)
- Yellow (72%)
- Blue (100%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1382, 74.5062, 105.9774 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 57.1382, 74.5062, 105.9774 by changing the saturation by 10% instead.

57.1382, 74.5062,
105.9774

57.1382, 74.5062,
105.9774

403.9728,
476.2186, 600.6011

41.3568, 55.2084,
80.6572

99.7970, 125.6131,
171.4708

28.7869, 39.5686,
59.7300

127.4051,
158.1911, 212.4811

19.0631, 27.2024,
42.7772

159.6861,
195.9646, 259.5585

11.8202, 17.7253,
29.3802

197.0055,
239.3179, 313.1215

6.6927, 10.7529,
19.1206

239.7284,
288.6357, 373.5888

3.3153, 5.9010,
11.5797

288.2204,

1.3226, 2.7849,

344.3021, 441.3787

6.3392

342.8467,
406.7016, 516.9100

■ 0.2000, 1.0205,
2.9803

■ 0.0000, 0.0000,
1.0846

■ 57.1382, 74.5062,
105.9774

■ 57.1382, 74.5062,
105.9774

■ 53.4576, 71.5563,
105.6020

■ 61.7652, 77.9613,
106.4004

■ 50.6395, 69.0632,
105.2693

■ 67.4015, 81.9491,
106.8731

■ 48.5958, 66.9831,
104.9755

■ 74.1117, 86.5045,
107.3987

■ 47.2158, 65.2590,
104.7155

■ 81.9533, 91.6572,
107.9799

■ 46.6216, 64.3632,
104.5739

■ 90.9796, 97.4348,
108.6194

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

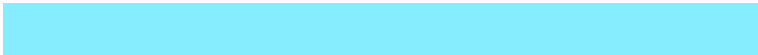
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.4277, 74.5062, 79.7665



57.1382, 74.5062, 105.9774



62.4275, 74.5062, 128.9278

Triad

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



57.1382, 74.5062, 105.9774



85.9749, 74.5062, 108.8295



71.2939, 74.5062, 42.1532

Complementary

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



57.1382, 74.5062, 105.9774



52.4341, 38.5103, 21.5011

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.



79.9240, 74.5062, 46.8936



57.1382, 74.5062, 105.9774



88.8173, 74.5062, 82.4980

Square

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



57.1382, 74.5062, 105.9774



79.0320, 74.5062, 130.7967



86.5188, 74.5062, 60.4969



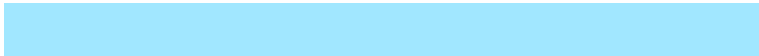
63.1900, 74.5062, 45.9522

Rectangle

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



57.1382, 74.5062, 105.9774



67.5061, 74.5062, 137.4338



86.5188, 74.5062, 60.4969



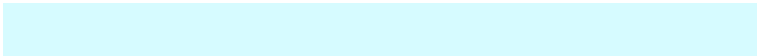
74.2321, 74.5062, 42.7780

Sweetspot

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



57.1402, 74.5089, 105.9778



80.3864, 90.6391, 107.8660



47.0266, 76.8742, 32.9566



16.8499, 19.1679, 23.0616



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.



57.1402, 74.5089, 105.9778



53.1746, 71.3178, 105.5709



40.6204, 41.4693, 100.4712



18.4000, 20.1716, 23.1737



24.4208, 33.7513, 54.6621



2.4186, 3.3679, 5.3359

Inverse Universe

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



63.6296, 40.3950, 88.4509



60.4709, 34.7015, 85.4746



64.5318, 62.7056, 25.5337



18.7146, 18.2691, 22.3800



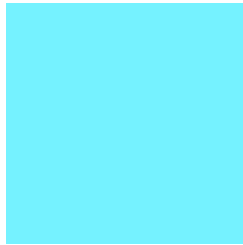
29.1147, 14.1352, 40.8501



2.8554, 1.3845, 4.0860

Previews

White Background



This preview shows how the XYZ color 57.1382, 74.5062, 105.9774 looks on a white background.

Color Contrast Check

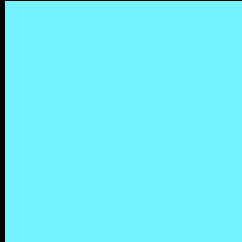
Large Text (above 18pt) WCAG AA × Fail

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 57.1382, 74.5062, 105.9774 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 57.1382, 74.5062, 105.9774

Background



This preview shows how black text looks on a background with the XYZ color 57.1382, 74.5062, 105.9774.

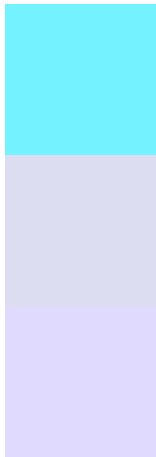


This preview shows how white text looks on a background with the XYZ color 57.1382, 74.5062,

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

57.1382, 74.5062, 105.9774

Protanopia

71.7023, 73.4959, 94.4114

Deuteranopia

74.1727, 73.3704, 104.8603



Tritanopia

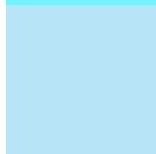
59.7799, 74.1199, 105.7636

Trichromacy



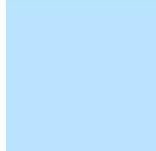
Original Color

57.1382, 74.5062, 105.9774



Protanomaly

64.3363, 72.8213, 98.6607



Deuteranomaly

65.7688, 72.5973, 105.1540



Tritanomaly

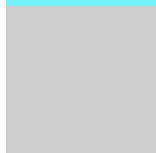
58.5894, 73.9395, 105.7915

Monochromacy



Original Color

57.1382, 74.5062, 105.9774



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.2416, 65.0435, 80.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1382, 74.5062, 105.9774 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(117, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 242, 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(117, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1382, 74.5062, 105.9774 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(117, 242, 255) }
```


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

```
.border{ border-color:rgb(117, 242, 255) }
```

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

Here you see how a box with a 4 pixel rgb(117, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1382, 74.5062, 105.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 242, 255) }
```

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

```
.background{ background-color: rgb(117,  
242, 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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