

Converting Colors

XYZ(68.1555, 77.5289,
163.0376)

Have a look what the booklet for
XYZ(68.1555, 77.5289, 163.0376)
contains.

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Color

**XYZ(57.3739, 73.3130,
105.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	7DEFFF
RGB	125, 239, 255
RGB Percent	49%, 94%, 100%
CMY	0.5098, 0.0627, 0.0000
CMYK	0.51, 0.06, 0.00, 0.00
HSL	187°, 100%, 75%
HSV	187°, 51%, 100%
XYZ	57.3739, 73.3130, 105.7346
YIQ	206.7380, -73.0800, -19.1920

Conversions

Conversions Part 2

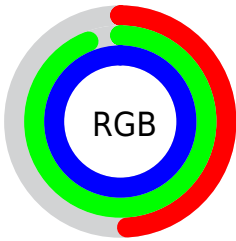
Format	Color
R _Y B	125, 186, 255
Decimal	8253439
CIE Lab	88.60, -28.28, -17.71
CIE LCh	89, 33.371, 212.061
Yxy	73.3130, 0.2427, 0.3101
Android (android.graphics.Color)	4286443519 (0xFF7DEFFF)
YUV	206.7380, 23.7932, -71.6842
Hunter-Lab	85.6230, -30.2318, -13.2802

Details

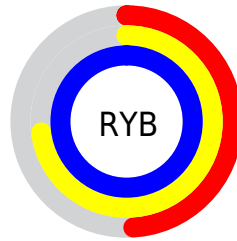
The XYZ color **57.3739, 73.3130, 105.7346** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.4671, 41.7910, 24.5996**, and the grayscale version is **59.0270, 62.1010, 67.6280**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **28.9900, 38.9048, 59.4075** is the 20% darker color. If you saturate the color by 10%, you get **53.2079, 69.8150, 105.2790**, and if you desaturate by 10%, it is **62.5153, 77.3408, 106.2411**.

Distribution



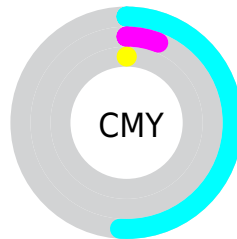
- Red (49%)
- Green (94%)
- Blue (100%)



- Red (49%)
- Yellow (73%)
- Blue (100%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3739, 73.3130, 105.7346 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 57.3739, 73.3130, 105.7346 by changing the saturation by 10% instead.

57.3739, 73.3130,
105.7346

57.3739, 73.3130,
105.7346

404.8405,
472.0989, 599.8290

41.5468, 54.2319,
80.4548

100.1388,
123.9215, 171.1361

28.9362, 38.7871,
59.5643

127.8073,
156.2176, 212.0950

19.1766, 26.5942,
42.6446

160.1536,
193.6876, 259.1172

11.9027, 17.2687,
29.2770

197.5431,
236.7159, 312.6215

6.7492, 10.4262,
19.0431

240.3412,
285.6867, 373.0262

3.3507, 5.6825,
11.5243

288.9133,

1.3418, 2.6530,

340.9846, 440.7500

6.3021

343.6245,
402.9938, 516.2115

■ 0.2142, 0.9534,
2.9579

■ 0.0000, 0.0000,
1.0732

■ 57.3739, 73.3130,
105.7346

■ 57.3739, 73.3130,
105.7346

■ 53.2079, 69.8150,
105.2790

■ 62.5153, 77.3408,
106.2411

■ 49.9365, 66.8002,
104.8695

■ 68.6928, 81.9249,
106.8003

■ 47.4759, 64.2267,
104.5025

■ 75.9694, 87.0995,
107.4156

■ 45.7231, 62.0414,
104.1731

■ 84.4012, 92.8936,
108.0896

■ 44.6041, 60.3282,
103.9014

94.0404, 99.3343,
108.8247

95.0500, 100.0000,
108.9000

Harmonies

Analogous

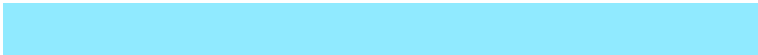
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3342, 73.3130, 81.4298



57.3739, 73.3130, 105.7346



62.6806, 73.3130, 125.7235

Triad

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



57.3739, 73.3130, 105.7346



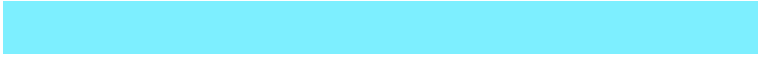
84.2650, 73.3130, 102.4401



69.1268, 73.3130, 43.2246

Complementary

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



57.3739, 73.3130, 105.7346



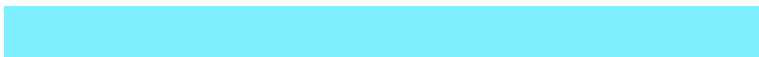
54.4671, 41.7910, 24.5996

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.



77.1858, 73.3130, 46.7275



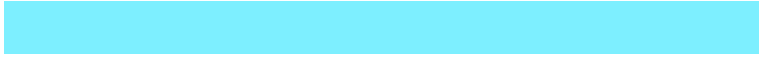
57.3739, 73.3130, 105.7346



86.3171, 73.3130, 78.2422

Square

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



57.3739, 73.3130, 105.7346



78.2223, 73.3130, 123.5784



83.6349, 73.3130, 58.5374



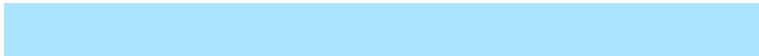
61.7868, 73.3130, 47.8516

Rectangle

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



57.3739, 73.3130, 105.7346



67.5665, 73.3130, 132.2500



83.6349, 73.3130, 58.5374



71.8409, 73.3130, 43.4883

Sweetspot

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



57.3759, 73.3157, 105.7351



80.8678, 90.4870, 107.8113



48.9646, 77.7789, 37.3095



16.9291, 19.1068, 23.0457



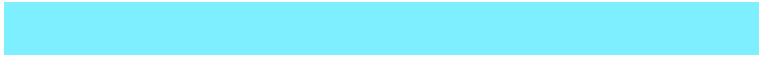
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

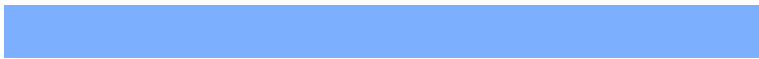
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.3759, 73.3157, 105.7351



53.1998, 69.8080, 105.2781



41.8065, 42.1768, 100.5452



18.3529, 20.0774, 23.1580



23.3818, 31.6732, 54.3158



2.3279, 3.1865, 5.3056

Inverse Universe

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



64.1549, 42.1609, 86.4209



60.8645, 36.3171, 83.0517



66.8138, 66.4843, 28.7152



18.6908, 18.2596, 22.2547



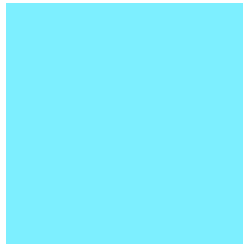
28.5903, 13.9254, 38.0884



2.8096, 1.3662, 3.8449

Previews

White Background



This preview shows how the XYZ color 57.3739, 73.3130, 105.7346 looks on a white background.

Color Contrast Check

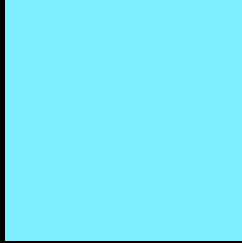
Large Text (above 18pt) WCAG AA × Fail

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 57.3739, 73.3130, 105.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

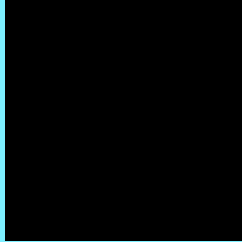
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3739, 73.3130, 105.7346

Background



This preview shows how black text looks on a background with the XYZ color 57.3739, 73.3130, 105.7346.

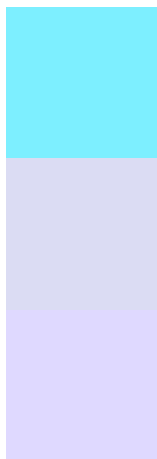


This preview shows how white text looks on a background with the XYZ color 57.3739, 73.3130,

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

57.3739, 73.3130, 105.7346

Protanopia

70.9843, 72.7175, 95.0886

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

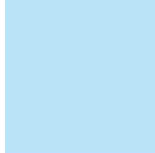
58.6507, 73.1067, 105.6275

Trichromacy



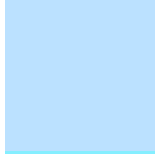
Original Color

57.3739, 73.3130, 105.7346



Protanomaly

64.2652, 71.9679, 98.4997



Deuteranomaly

65.4687, 71.6352, 104.9842



Tritanomaly

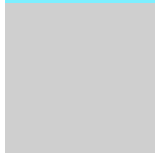
58.2974, 73.3556, 105.6942

Monochromacy



Original Color

57.3739, 73.3130, 105.7346



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.9175, 65.3920, 80.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3739, 73.3130, 105.7346 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, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 239, 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(125, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3739, 73.3130, 105.7346 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, 239, 255) }
```


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

```
.border{ border-color:rgb(125, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3739, 73.3130, 105.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 239, 255) }
```

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

```
.background{ background-color: rgb(125,  
239, 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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