

Converting Colors

XYZ(64.1574, 76.7175,
151.9907)

Have a look what the booklet for
XYZ(64.1574, 76.7175, 151.9907)
contains.

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Color

**XYZ(55.3310, 73.1339,
105.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	69F1FF
RGB	105, 241, 255
RGB Percent	41%, 95%, 100%
CMY	0.5882, 0.0549, 0.0000
CMYK	0.59, 0.05, 0.00, 0.00
HSL	186°, 100%, 71%
HSV	186°, 59%, 100%
XYZ	55.3310, 73.1339, 105.8077
YIQ	201.9320, -85.5500, -24.4780

Conversions

Conversions Part 2

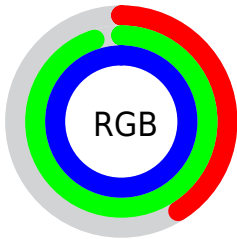
Format	Color
RYB	105, 176, 255
Decimal	6943231
CIELab	88.51, -32.99, -17.91
CIELCh	89, 37.537, 208.493
Yxy	73.1339, 0.2362, 0.3122
Android (android.graphics.Color)	4285133311 (0xFF69F1FF)
YUV	201.9320, 26.1625, -85.0094
Hunter-Lab	85.5184, -34.1663, -13.4938

Details

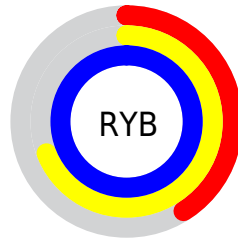
The XYZ color **55.3310, 73.1339, 105.8077** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.3875, 35.4746, 17.5582**, and the grayscale version is **55.9791, 58.8944, 64.1360**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **27.7231, 38.8685, 59.4673** is the 20% darker color. If you saturate the color by 10%, you get **52.0735, 70.4174, 105.4551**, and if you desaturate by 10%, it is **59.4994, 76.3369, 106.2063**.

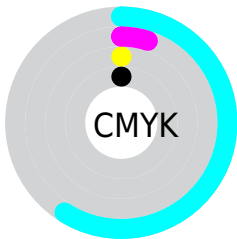
Distribution



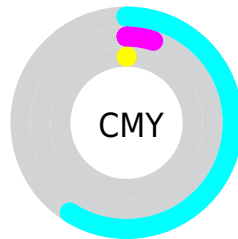
- Red (41%)
- Green (95%)
- Blue (100%)



- Red (41%)
- Yellow (69%)
- Blue (100%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3310, 73.1339, 105.8077 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 55.3310, 73.1339, 105.8077 by changing the saturation by 10% instead.

55.3310, 73.1339,
105.8077

55.3310, 73.1339,
105.8077

397.2814,
471.4788, 600.0615

39.9017, 54.0855,
80.5158

97.1712, 123.6673,
171.2369

27.6458, 38.6700,
59.6142

124.3129,
155.9210, 212.2112

18.1979, 26.5031,
42.6845

156.0894,
193.3453, 259.2501

11.1927, 17.2004,
29.3081

192.8660,
236.3245, 312.7720

6.2649, 10.3775,
19.0664

235.0082,
285.2431, 373.1956

3.0490, 5.6499,
11.5410

282.8812,

1.1797, 2.6334,

340.4854, 440.9394

6.3132

336.8505,
402.4358, 516.4218

■ 0.0903, 0.9435,
2.9646

■ 0.0000, 0.0000,
1.0766

■ 55.3310, 73.1339,
105.8077

■ 55.3310, 73.1339,
105.8077

■ 52.0735, 70.4174,
105.4551

■ 59.4994, 76.3369,
106.2063

■ 49.6377, 68.1365,
105.1432

■ 64.6454, 80.0560,
106.6529

■ 47.9274, 66.2431,
104.8679

■ 70.8364, 84.3275,
107.1511

■ 46.7998, 64.6636,
104.6225

■ 78.1322, 89.1824,
107.7037

■ 46.6834, 64.4868,
104.5945

■ 86.5878, 94.6490,
108.3132

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.



53.5480, 73.1339, 78.3285



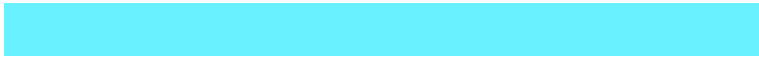
55.3310, 73.1339, 105.8077



60.8203, 73.1339, 130.0397

Triad

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



55.3310, 73.1339, 105.8077



85.4035, 73.1339, 108.5717



69.9697, 73.1339, 39.5235

Complementary

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



55.3310, 73.1339, 105.8077



50.3875, 35.4746, 17.5582

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.



78.9938, 73.1339, 44.2917



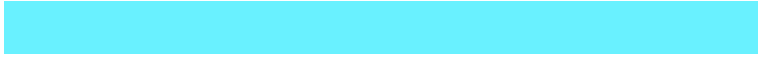
55.3310, 73.1339, 105.8077



88.3690, 73.1339, 80.9466

Square

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



55.3310, 73.1339, 105.8077



78.1348, 73.1339, 131.8635



85.9289, 73.1339, 58.1714



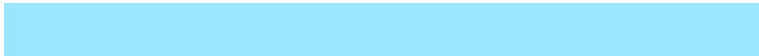
61.5474, 73.1339, 43.4123

Rectangle

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



55.3310, 73.1339, 105.8077



66.1024, 73.1339, 139.0260



85.9289, 73.1339, 58.1714



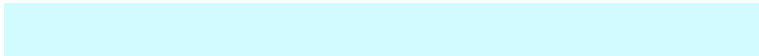
73.0360, 73.1339, 40.1430

Sweetspot

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



55.3330, 73.1366, 105.8082



78.7816, 89.6075, 107.7515



44.8274, 75.8200, 29.2584



16.3771, 18.8610, 23.0273



0.0000, 0.0000, 0.0000



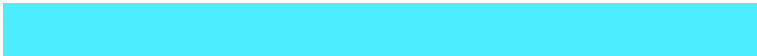
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3330, 73.1366, 105.8082



51.4755, 69.8845, 105.3838



37.7879, 38.0463, 99.9598



18.4014, 20.1745, 23.1742



24.4527, 33.8149, 54.6727



2.4214, 3.3734, 5.3368

Inverse Universe

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



62.1701, 37.7158, 87.2252



59.1336, 32.3301, 84.0940



62.7505, 60.2007, 21.6792



18.7153, 18.2694, 22.3837



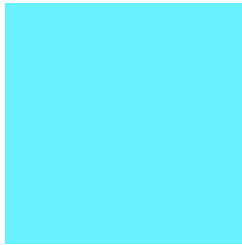
29.1308, 14.1416, 40.9346



2.8568, 1.3851, 4.0933

Previews

White Background



This preview shows how the XYZ color 55.3310, 73.1339, 105.8077 looks on a white background.

Color Contrast Check

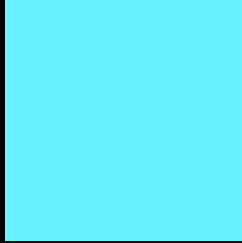
Large Text (above 18pt) WCAG AA × Fail

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 55.3310, 73.1339, 105.8077 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 55.3310, 73.1339, 105.8077

Background



This preview shows how black text looks on a background with the XYZ color 55.3310, 73.1339, 105.8077.

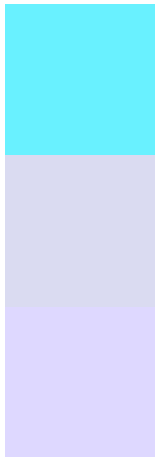


This preview shows how white text looks on a background with the XYZ color 55.3310, 73.1339,

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

55.3310, 73.1339, 105.8077

Protanopia

70.1221, 71.9193, 93.4051

Deuteranopia

72.7301, 71.8613, 104.6451



Tritanopia

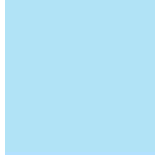
57.6778, 73.0362, 105.6652

Trichromacy



Original Color

55.3310, 73.1339, 105.8077



Protanomaly

62.2351, 70.9391, 97.6013



Deuteranomaly

63.5656, 70.6541, 104.8951



Tritanomaly

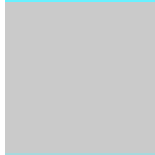
56.6622, 72.9461, 105.7013

Monochromacy



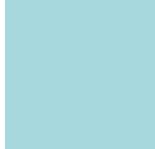
Original Color

55.3310, 73.1339, 105.8077



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.5434, 62.5477, 77.6575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3310, 73.1339, 105.8077 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(105, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 241, 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(105, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.3310, 73.1339, 105.8077 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(105, 241, 255) }
```


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

```
.border{ border-color:rgb(105, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3310, 73.1339, 105.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 241, 255) }
```

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

```
.background{ background-color: rgb(105,  
241, 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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