

Converting Colors

XYZ(60.2361, 75.3499,
133.0112)

Have a look what the booklet for
XYZ(60.2361, 75.3499, 133.0112)
contains.

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Color

**XYZ(55.1690, 73.4910,
105.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	65F2FF
RGB	101, 242, 255
RGB Percent	40%, 95%, 100%
CMY	0.6039, 0.0510, 0.0000
CMYK	0.60, 0.05, 0.00, 0.00
HSL	185°, 100%, 70%
HSV	185°, 60%, 100%
XYZ	55.1690, 73.4910, 105.8852
YIQ	201.3230, -88.2090, -25.8490

Conversions

Conversions Part 2

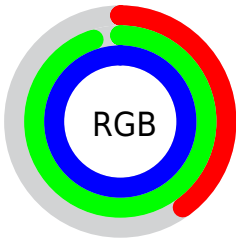
Format	Color
RYB	101, 175, 255
Decimal	6681343
CIELab	88.68, -34.13, -17.66
CIELCh	89, 38.429, 207.362
Yxy	73.4910, 0.2352, 0.3133
Android (android.graphics.Color)	4284871423 (0xFF65F2FF)
YUV	201.3230, 26.4628, -87.9833
Hunter-Lab	85.7269, -35.1495, -13.2230

Details

The XYZ color **55.1690, 73.4910, 105.8852** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.6072, 34.2354, 16.3076**, and the grayscale version is **55.6002, 58.4957, 63.7018**.

A 20% lighter version of the original color is **69.3270, 86.7393, 107.6962**, and **27.5420, 38.7751, 59.4588** is the 20% darker color. If you saturate the color by 10%, you get **52.1080, 70.9693, 105.5598**, and if you desaturate by 10%, it is **59.1269, 76.4896, 106.2554**.

Distribution



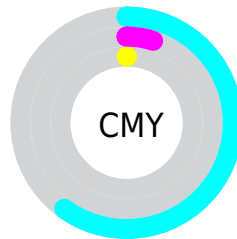
- Red (40%)
- Green (95%)
- Blue (100%)



- Red (40%)
- Yellow (69%)
- Blue (100%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1690, 73.4910, 105.8852 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 55.1690, 73.4910, 105.8852 by changing the saturation by 10% instead.

55.1690, 73.4910,
105.8852

55.1690, 73.4910,
105.8852

396.6782,
472.7148, 600.3079

39.7714, 54.3775,
80.5804

96.9354, 124.1740,
171.3437

27.5438, 38.9036,
59.6671

124.0349,
156.5123, 212.3345

18.1207, 26.6847,
42.7268

155.7658,
194.0277, 259.3909

11.1369, 17.3366,
29.3410

192.4935,
237.1046, 312.9317

6.2270, 10.4748,
19.0911

234.5831,
286.1274, 373.3752

3.0256, 5.7149,
11.5587

282.4003,

1.1673, 2.6725,

341.4804, 441.1400

6.3251

336.3102,
403.5481, 516.6448

■ 0.0803, 0.9632,
2.9718

■ 0.0000, 0.0000,
1.0802

■ 55.1690, 73.4910,
105.8852

■ 55.1690, 73.4910,
105.8852

■ 52.1080, 70.9693,
105.5598

■ 59.1269, 76.4896,
106.2554

■ 49.8529, 68.8726,
105.2740


■ 64.0500, 79.9952,
106.6726

■ 48.3042, 67.1511,
105.0233

■ 70.0065, 84.0450,
107.1403

■ 47.3247, 65.7694,
104.8082

■ 77.0570, 88.6700,
107.6614

 85.2573, 93.8990,
108.2385

94.6594, 99.7590,
108.8741

95.0500, 100.0000,
108.9000

Harmonies

Analogous

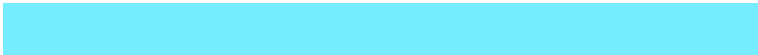
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.4963, 73.4910, 77.6893



55.1690, 73.4910, 105.8852



60.6606, 73.4910, 131.2403

Triad

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



55.1690, 73.4910, 105.8852



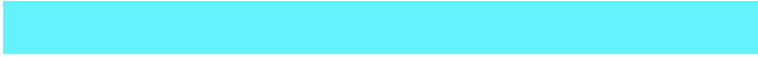
85.9838, 73.4910, 110.8736



70.6758, 73.4910, 39.0499

Complementary

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



55.1690, 73.4910, 105.8852



49.6072, 34.2354, 16.3076

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.



79.9257, 73.4910, 44.2331



55.1690, 73.4910, 105.8852



89.2393, 73.4910, 82.3953

Square

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



55.1690, 73.4910, 105.8852



78.3790, 73.4910, 134.5399



86.9309, 73.4910, 58.7511



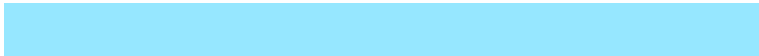
61.9651, 73.4910, 42.6671

Rectangle

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



55.1690, 73.4910, 105.8852



66.0183, 73.4910, 140.9743



86.9309, 73.4910, 58.7511



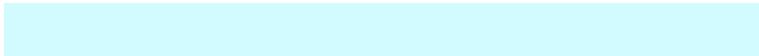
73.8292, 73.4910, 39.7886

Sweetspot

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



55.1710, 73.4937, 105.8856



78.9094, 89.8632, 107.7941



44.1560, 75.4985, 28.1176



16.4088, 18.9243, 23.0379



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.



55.1710, 73.4937, 105.8856



51.6925, 70.6038, 105.5112



36.9039, 36.9594, 99.7966



18.4160, 20.2037, 23.1790



24.7828, 34.4751, 54.7828



2.4501, 3.4309, 5.3464

Inverse Universe

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



61.9221, 36.9800, 87.8815



59.1735, 32.0794, 85.1261



62.1846, 59.3902, 20.5001



18.7226, 18.2724, 22.4225



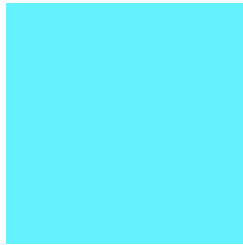
29.2974, 14.2082, 41.8120



2.8713, 1.3909, 4.1696

Previews

White Background



This preview shows how the XYZ color 55.1690, 73.4910, 105.8852 looks on a white background.

Color Contrast Check

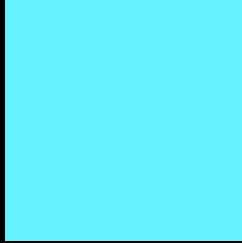
Large Text (above 18pt) WCAG AA × Fail

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 55.1690, 73.4910, 105.8852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

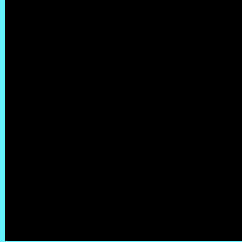
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1690, 73.4910, 105.8852

Background



This preview shows how black text looks on a background with the XYZ color 55.1690, 73.4910, 105.8852.

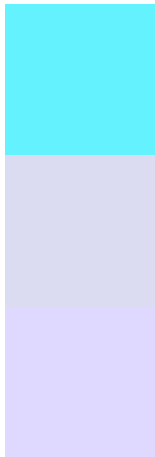


This preview shows how white text looks on a background with the XYZ color 55.1690, 73.4910,

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

55.1690, 73.4910, 105.8852

Protanopia

70.6838, 72.5973, 93.5063

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

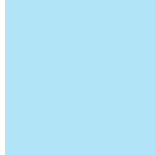
57.9846, 73.1944, 105.6796

Trichromacy



Original Color

55.1690, 73.4910, 105.8852



Protanomaly

62.2825, 71.3707, 97.6821



Deuteranomaly

63.8368, 71.1964, 104.9855



Tritanomaly

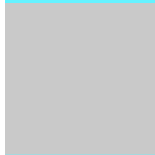
56.6622, 72.9461, 105.7013

Monochromacy



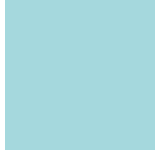
Original Color

55.1690, 73.4910, 105.8852



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.1241, 62.3315, 77.6379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1690, 73.4910, 105.8852 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(101, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 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(101, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1690, 73.4910, 105.8852 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(101, 242, 255) }
```


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

```
.border{ border-color:rgb(101, 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(101, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1690, 73.4910, 105.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 242, 255) }
```

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

```
.background{ background-color: rgb(101,  
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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