

Converting Colors

XYZ(60.2710, 77.1537,
134.1919)

Have a look what the booklet for
XYZ(60.2710, 77.1537, 134.1919)
contains.

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Color

**XYZ(55.0303, 75.2062,
106.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	58F6FF
RGB	88, 246, 255
RGB Percent	35%, 96%, 100%
CMY	0.6549, 0.0353, 0.0000
CMYK	0.65, 0.04, 0.00, 0.00
HSL	183°, 100%, 67%
HSV	183°, 65%, 100%
XYZ	55.0303, 75.2062, 106.2236
YIQ	199.7840, -97.0570, -30.6970

Conversions

Conversions Part 2

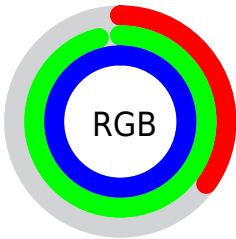
Format	Color
R _Y B	88, 169, 255
Decimal	5830399
CIE Lab	89.49, -37.96, -16.48
CIE LCh	89, 41.386, 203.466
Yxy	75.2062, 0.2327, 0.3181
Android (android.graphics.Color)	4284020479 (0xFF58F6FF)
YUV	199.7840, 27.2215, -98.0346
Hunter-Lab	86.7215, -38.4931, -11.9182

Details

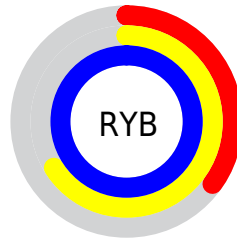
The XYZ color **55.0303, 75.2062, 106.2236** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **47.2772, 30.5154, 12.6331**, and the grayscale version is **54.6502, 57.4962, 62.6134**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **28.3906, 40.4724, 59.7417** is the 20% darker color. If you saturate the color by 10%, you get **52.6093, 73.3417, 105.9913**, and if you desaturate by 10%, it is **58.3022, 77.5172, 106.4972**.

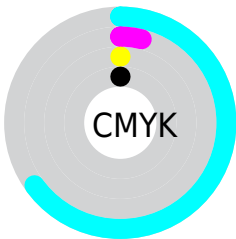
Distribution



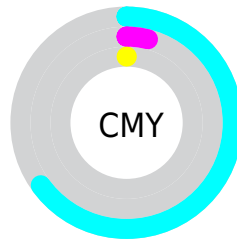
- Red (35%)
- Green (96%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (65%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0303, 75.2062, 106.2236 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 55.0303, 75.2062, 106.2236 by changing the saturation by 10% instead.


 55.0303, 75.2062,
106.2236


 55.0303, 75.2062,
106.2236


396.1613,
478.6260, 601.3834


 39.6599, 55.7818,
80.8625


 96.7334, 126.6042,
171.8101


 27.4565, 40.0280,
59.8980


 123.7969,
159.3466, 212.8725

 18.0547, 27.5604,
42.9117


 155.4887,
197.2972, 260.0057

 11.0892, 17.9945,
29.4849

 192.1743,
240.8403, 313.6283

 6.1946, 10.9461,
19.1992

234.2190,
290.3603, 374.1589

 3.0056, 6.0306,
11.6361

281.9882,

 1.1567, 2.8637,

346.2417, 442.0159

6.3769

335.8472,
408.8688, 517.6179

■ 0.0718, 1.0610,
3.0031

■ 0.0000, 0.0000,
1.0962

■ 55.0303, 75.2062,
106.2236

■ 55.0303, 75.2062,
106.2236

■ 52.6093, 73.3417,
105.9913

■ 58.3022, 77.5172,
106.4972

■ 50.9406, 71.8680,
105.7948

■ 62.4980, 80.3075,
106.8146

■ 49.9119, 70.7288,
105.6291

■ 67.6899, 83.6158,
107.1796

■ 49.5829, 70.2859,
105.5610

■ 73.9410, 87.4749,
107.5950

■ 81.3095, 91.9146,
108.0636

■ 89.8492, 96.9627,
108.5878

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.



53.7903, 75.2062, 75.6889



55.0303, 75.2062, 106.2236



60.4801, 75.2062, 135.5142

Triad

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



55.0303, 75.2062, 106.2236



88.3392, 75.2062, 119.8750



73.7255, 75.2062, 37.9596

Complementary

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



55.0303, 75.2062, 106.2236



47.2772, 30.5154, 12.6331

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.



83.7416, 75.2062, 44.6833



55.0303, 75.2062, 106.2236



92.6792, 75.2062, 88.4141

Square

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



55.0303, 75.2062, 106.2236



79.5385, 75.2062, 144.6104



90.9219, 75.2062, 61.5837



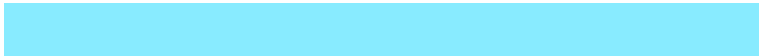
63.9873, 75.2062, 40.5687

Rectangle

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



55.0303, 75.2062, 106.2236



66.0692, 75.2062, 148.0139



90.9219, 75.2062, 61.5837



77.1811, 75.2062, 39.1386

Sweetspot

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



55.0323, 75.2089, 106.2240



77.8416, 89.8368, 107.8453



41.9134, 74.4464, 23.3139



16.2244, 18.9650, 23.0554



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.



55.0323, 75.2089, 106.2240



51.9422, 72.7818, 105.9184



35.2004, 35.5449, 99.6133



18.4661, 20.3038, 23.1957



25.9445, 36.7986, 55.1700



2.5508, 3.6322, 5.3799

Inverse Universe

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



61.3657, 34.8952, 90.6928



58.8898, 30.3972, 88.4685



59.2938, 54.5486, 16.6386



18.7479, 18.2825, 22.5556



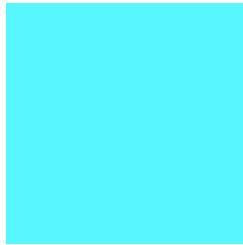
29.8838, 14.4428, 44.9000



2.9221, 1.4112, 4.4372

Previews

White Background



This preview shows how the XYZ color 55.0303, 75.2062, 106.2236 looks on a white background.

Color Contrast Check

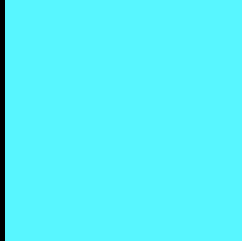
Large Text (above 18pt) WCAG AA × Fail

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 55.0303, 75.2062, 106.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

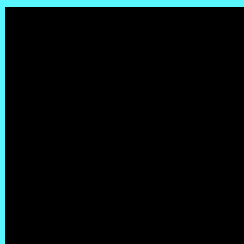
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

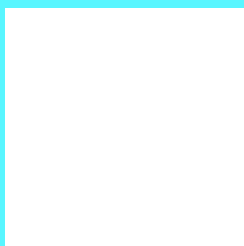
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0303, 75.2062, 106.2236

Background



This preview shows how black text looks on a background with the XYZ color 55.0303, 75.2062, 106.2236.

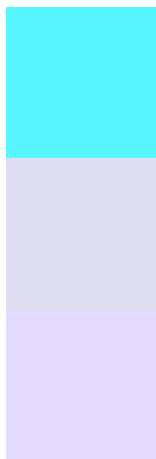


This preview shows how white text looks on a background with the XYZ color 55.0303, 75.2062,

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

55.0303, 75.2062, 106.2236

Protanopia

71.9737, 74.0634, 92.9403

Deuteranopia

74.7455, 74.0518, 104.9617



Tritanopia

59.8575, 75.0291, 105.9350

Trichromacy



Original Color

55.0303, 75.2062, 106.2236



Protanomaly

62.2909, 72.6286, 97.1218



Deuteranomaly

63.9738, 72.4887, 105.2277



Tritanomaly

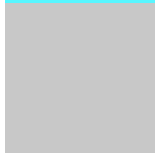
57.5479, 74.7173, 105.9965

Monochromacy



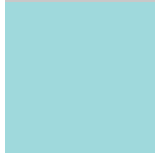
Original Color

55.0303, 75.2062, 106.2236



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

52.0292, 62.1639, 76.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0303, 75.2062, 106.2236 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(88, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 246, 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(88, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0303, 75.2062, 106.2236 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(88, 246, 255) }
```


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

```
.border{ border-color:rgb(88, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0303, 75.2062, 106.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 246, 255) }
```

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

```
.background{ background-color: rgb(88, 246,  
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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