

Converting Colors

XYZ(55.8296, 75.6183,
106.2610)

Have a look what the booklet for
XYZ(55.8296, 75.6183, 106.2610)
contains.

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Color

**XYZ(55.8296, 75.6183,
106.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	60F6FF
RGB	96, 246, 255
RGB Percent	38%, 96%, 100%
CMY	0.6235, 0.0353, 0.0000
CMYK	0.62, 0.04, 0.00, 0.00
HSL	183°, 100%, 69%
HSV	183°, 62%, 100%
XYZ	55.8296, 75.6183, 106.2610
YIQ	202.1760, -92.2890, -29.0010

Conversions

Conversions Part 2

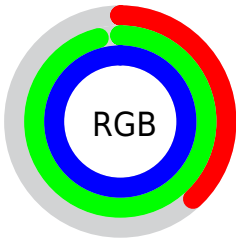
Format	Color
R _Y B	96, 173, 255
Decimal	6354687
CIE Lab	89.68, -36.78, -16.17
CIE LCh	90, 40.182, 203.732
Yxy	75.6183, 0.2349, 0.3181
Android (android.graphics.Color)	4284544767 (0xFF60F6FF)
YUV	202.1760, 26.0422, -93.1164
Hunter-Lab	86.9588, -37.5766, -11.5794

Details

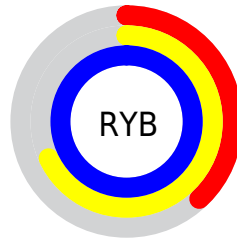
The XYZ color **55.8296, 75.6183, 106.2610** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.4038, 32.2088, 14.7341**, and the grayscale version is **56.1350, 59.0584, 64.3146**.

A 20% lighter version of the original color is **68.7103, 86.4214, 107.6673**, and **28.3906, 40.4724, 59.7417** is the 20% darker color. If you saturate the color by 10%, you get **53.1323, 73.5805, 106.0098**, and if you desaturate by 10%, it is **59.4041, 78.1168, 106.5549**.

Distribution



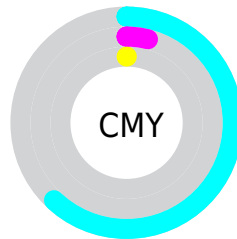
- Red (38%)
- Green (96%)
- Blue (100%)



- Red (38%)
- Yellow (68%)
- Blue (100%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8296, 75.6183, 106.2610 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 55.8296, 75.6183, 106.2610 by changing the saturation by 10% instead.

55.8296, 75.6183,
106.2610

55.8296, 75.6183,
106.2610

399.1345,
480.0401, 601.5022

40.3028, 56.1196,
80.8936

97.8966, 127.1872,
171.8616

27.9600, 40.2988,
59.9235

125.1676,
160.0262, 212.9319

18.4358, 27.7716,
42.9321

157.0839,
198.0807, 260.0736

11.3649, 18.1536,
29.5008

194.0111,
241.7351, 313.7053

6.3819, 11.0603,
19.2112

236.3143,
291.3739, 374.2455

3.1215, 6.1074,
11.6446

284.3591,

1.2184, 2.9105,

347.3814, 442.1126

6.3826

338.5107,
410.1420, 517.7253

■ 0.1208, 1.0852,
3.0066

■ 0.0000, 0.0000,
1.0980

■ 55.8296, 75.6183,
106.2610

■ 55.8296, 75.6183,
106.2610

■ 53.1323, 73.5805,
106.0098

■ 59.4041, 78.1168,
106.5549

■ 51.2185, 71.9499,
105.7960

■ 63.9257, 81.1069,
106.8937

■ 49.9841, 70.6746,
105.6149

■ 69.4640, 84.6262,
107.2811

■ 49.3785, 69.8770,
105.4928

■ 76.0808, 88.7066,
107.7199

■ 83.8325, 93.3772,
108.2129

■ 92.7719, 98.6652,
108.7624

■ 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.



54.5761, 75.6183, 76.5302



55.8296, 75.6183, 106.2610



61.1984, 75.6183, 134.5248

Triad

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



55.8296, 75.6183, 106.2610



88.3243, 75.6183, 118.9453



73.9696, 75.6183, 39.1917

Complementary

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



55.8296, 75.6183, 106.2610



48.4038, 32.2088, 14.7341

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.



83.7217, 75.6183, 45.7634



55.8296, 75.6183, 106.2610



92.4852, 75.6183, 88.4271

Square

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



55.8296, 75.6183, 106.2610



79.8025, 75.6183, 142.9447



90.7282, 75.6183, 62.3012



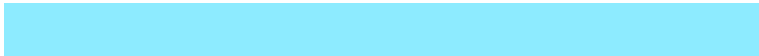
64.4868, 75.6183, 41.8596

Rectangle

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



55.8296, 75.6183, 106.2610



66.6754, 75.6183, 146.4766



90.7282, 75.6183, 62.3012



77.3338, 75.6183, 40.3337

Sweetspot

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



55.8317, 75.6210, 106.2614



78.5482, 90.2040, 107.8789



43.0813, 75.0059, 25.2925



16.3598, 19.0328, 23.0614



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.



55.8317, 75.6210, 106.2614



52.5525, 73.1104, 105.9497



36.7953, 37.5483, 99.9160



18.4616, 20.2949, 23.1942



25.8394, 36.5884, 55.1350



2.5417, 3.6140, 5.3769

Inverse Universe

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



62.0588, 36.2813, 90.9239



59.4156, 31.4412, 88.6673



60.3789, 56.1592, 18.7259



18.7457, 18.2816, 22.5438



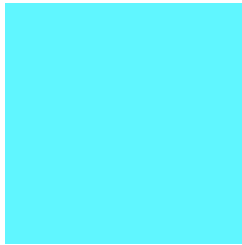
29.8307, 14.4216, 44.6206



2.9175, 1.4094, 4.4131

Previews

White Background



This preview shows how the XYZ color 55.8296, 75.6183, 106.2610 looks on a white background.

Color Contrast Check

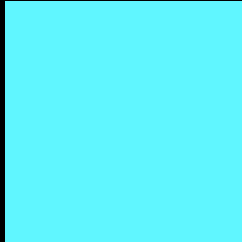
Large Text (above 18pt) WCAG AA × Fail

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 55.8296, 75.6183, 106.2610 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 55.8296, 75.6183, 106.2610

Background



This preview shows how black text looks on a background with the XYZ color 55.8296, 75.6183, 106.2610.

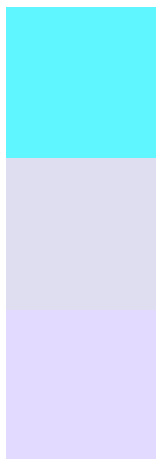


This preview shows how white text looks on a background with the XYZ color 55.8296, 75.6183,

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

55.8296, 75.6183, 106.2610

Protanopia

72.2809, 74.2218, 92.9547

Deuteranopia

75.0601, 74.2139, 104.9764



Tritanopia

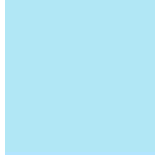
60.7117, 75.4695, 105.9750

Trichromacy



Original Color

55.8296, 75.6183, 106.2610



Protanomaly

63.1888, 73.0915, 97.1639



Deuteranomaly

64.6597, 72.8423, 105.2598



Tritanomaly

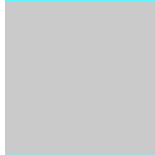
58.5545, 75.2363, 106.0436

Monochromacy



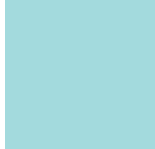
Original Color

55.8296, 75.6183, 106.2610



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.2268, 63.1498, 77.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8296, 75.6183, 106.2610 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(96, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.8296, 75.6183, 106.2610 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(96, 246, 255) }
```


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

```
.border{ border-color:rgb(96, 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(96, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8296, 75.6183, 106.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 246, 255) }
```

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

```
.background{ background-color: rgb(96, 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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