

Converting Colors

XYZ(56.2598, 56.7191,
115.4650)

Have a look what the booklet for
XYZ(56.2598, 56.7191, 115.4650)
contains.

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Color

**XYZ(53.7611, 55.6075,
102.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C6FF
RGB	165, 198, 255
RGB Percent	65%, 78%, 100%
CMY	0.3529, 0.2235, 0.0000
CMYK	0.35, 0.22, 0.00, 0.00
HSL	218°, 100%, 82%
HSV	218°, 35%, 100%
XYZ	53.7611, 55.6075, 102.5075
YIQ	194.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

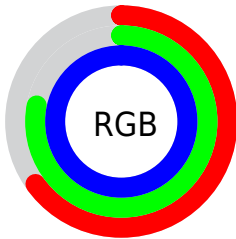
Format	Color
R _Y B	165, 189, 255
Decimal	10864383
CIE Lab	79.39, 2.34, -31.55
CIE LCh	79, 31.639, 274.243
Yxy	55.6075, 0.2537, 0.2625
Android (android.graphics.Color)	4289054463 (0xFFA5C6FF)
YUV	194.6310, 29.7619, -25.9864
Hunter-Lab	74.5704, -1.8098, -29.3031

Details

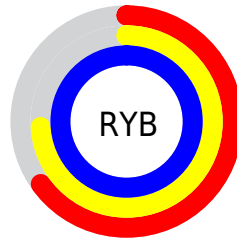
The XYZ color **53.7611, 55.6075, 102.5075** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.1532, 76.2194, 46.4026**, and the grayscale version is **51.4986, 54.1806, 59.0026**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **26.5967, 27.3387, 57.3012** is the 20% darker color. If you saturate the color by 10%, you get **45.4798, 46.1486, 101.1183**, and if you desaturate by 10%, it is **63.4967, 66.4029, 104.0782**.

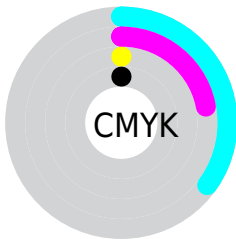
Distribution



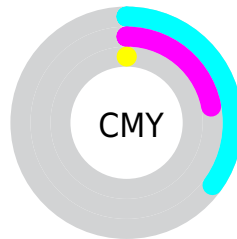
- Red (65%)
- Green (78%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7611, 55.6075, 102.5075 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 53.7611, 55.6075, 102.5075 by changing the saturation by 10% instead.

■ 53.7611, 55.6075,
102.5075

■ 53.7611, 55.6075,
102.5075

391.4116,
408.2106, 589.5176

■ 38.6406, 39.8883,
77.7678

■ 94.8823, 98.4305,
166.6807

■ 26.6597, 27.4515,
57.3679

■ 121.6138,
126.3030, 206.9512

■ 17.4531, 17.9126,
40.8894

152.9463,
158.9955, 253.2357

■ 10.6554, 10.8872,
27.9136

189.2451,
196.8924, 305.9528

■ 5.9012, 5.9911,
18.0221

230.8757,
240.3779, 365.5210

■ 2.8252, 2.8396,
10.7962

278.2035,

■ 1.0620, 1.0486,

289.8365, 432.3588

5.8175

331.5936,
345.6526, 506.8849

■ 0.0000, 0.0000,
2.6675

■ 0.0000, 0.0000,
0.9270

■ 53.7611, 55.6075,
102.5075

■ 53.7611, 55.6075,
102.5075

■ 45.4798, 46.1486,
101.1183

■ 63.4967, 66.4029,
104.0782

■ 38.5725, 37.9627,
99.9023

■ 74.7512, 78.5819,
105.8358

■ 32.9578, 30.9902,
98.8524

■ 87.5915, 92.1968,
107.7869

■ 28.5432, 25.1631,
97.9603

95.0500, 100.0000,
108.9000

■ 25.2222, 20.4049,
97.2169

■ 22.8656, 16.6261,
96.6117

■ 22.0087, 15.1374,
96.3696

Harmonies

Analogous

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



47.7265, 55.6075, 97.7862



53.7611, 55.6075, 102.5075



60.0204, 55.6075, 94.2705

Triad

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



53.7611, 55.6075, 102.5075



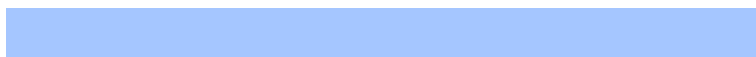
63.5947, 55.6075, 42.9362



42.6083, 55.6075, 46.5963

Complementary

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



53.7611, 55.6075, 102.5075



74.1532, 76.2194, 46.4026

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.



46.2806, 55.6075, 36.0112



53.7611, 55.6075, 102.5075



58.3346, 55.6075, 34.2136

Square

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



53.7611, 55.6075, 102.5075



65.9786, 55.6075, 57.9985



51.9557, 55.6075, 31.9575



41.5954, 55.6075, 63.1693

Rectangle

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



53.7611, 55.6075, 102.5075



63.3857, 55.6075, 83.3476



51.9557, 55.6075, 31.9575



43.5574, 55.6075, 42.3374

Sweetspot

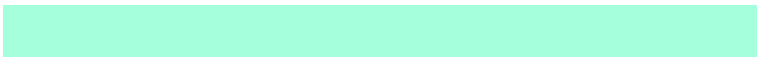
The Sweet Spot groups the original color and five complimentary colors.



53.7628, 55.6096, 102.5079



80.0652, 84.2475, 106.6493



64.2626, 84.7137, 81.0233



16.7712, 17.6432, 22.7715



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.



53.7628, 55.6096, 102.5079



48.0514, 49.1200, 101.5563



49.2982, 43.3040, 100.3679



17.5484, 18.4684, 22.8898



11.6297, 8.1689, 50.3984



1.2322, 0.9952, 4.9404

Inverse Universe

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



64.8893, 52.2490, 60.0933



60.8022, 46.0037, 52.7850



80.0340, 93.5595, 49.4397



18.2847, 18.0972, 20.1163



22.6583, 11.5526, 6.8511



2.2566, 1.1450, 0.9326

Previews

White Background



This preview shows how the XYZ color 53.7611, 55.6075, 102.5075 looks on a white background.

Color Contrast Check

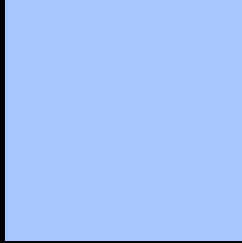
Large Text (above 18pt) WCAG AA × Fail

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 53.7611, 55.6075, 102.5075 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 53.7611, 55.6075, 102.5075

Background



This preview shows how black text looks on a background with the XYZ color 53.7611, 55.6075, 102.5075.



This preview shows how white text looks on a background with the XYZ color 53.7611, 55.6075,

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

53.7611, 55.6075, 102.5075

Protanopia

55.9185, 55.4356, 99.8484

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

48.5486, 55.5743, 76.5747

Trichromacy



Original Color

53.7611, 55.6075, 102.5075

Protanomaly

54.9239, 55.2360, 100.6953

Deuteranomaly

55.4696, 55.4803, 102.3930

Tritanomaly

50.3257, 55.5978, 85.1698

Monochromacy



Original Color

53.7611, 55.6075, 102.5075

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0315, 54.6800, 73.4576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7611, 55.6075, 102.5075 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(165, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 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(165, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7611, 55.6075, 102.5075 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(165, 198, 255) }
```


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

```
.border{ border-color:rgb(165, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7611, 55.6075, 102.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 255) }
```

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

```
.background{ background-color: rgb(165,  
198, 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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