

Converting Colors

XYZ(64.9343, 57.0187,
125.6370)

Have a look what the booklet for
XYZ(64.9343, 57.0187, 125.6370)
contains.

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Color

**XYZ(60.5107, 55.1752,
102.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBAFF
RGB	204, 186, 255
RGB Percent	80%, 73%, 100%
CMY	0.2000, 0.2706, 0.0000
CMYK	0.20, 0.27, 0.00, 0.00
HSL	256°, 100%, 86%
HSV	256°, 27%, 100%
XYZ	60.5107, 55.1752, 102.0684
YIQ	199.2480, -11.4210, 25.2750

Conversions

Conversions Part 2

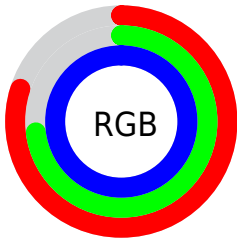
Format	Color
RYB	204, 186, 255
Decimal	13417215
CIELab	79.14, 20.04, -31.70
CIELCh	79, 37.501, 302.296
Yxy	55.1752, 0.2779, 0.2534
Android (android.graphics.Color)	4291607295 (0xFFCCBAFF)
YUV	199.2480, 27.4857, 4.1675
Hunter-Lab	74.2800, 15.4214, -29.4746

Details

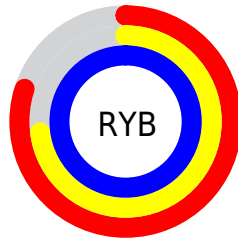
The XYZ color **60.5107, 55.1752, 102.0684** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5491, 93.0702, 60.2285**, and the grayscale version is **54.2813, 57.1082, 62.1908**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.9750, 27.2418, 57.0517** is the 20% darker color. If you saturate the color by 10%, you get **50.7533, 42.8703, 100.2076**, and if you desaturate by 10%, it is **71.8552, 69.7238, 104.2786**.

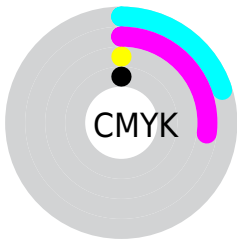
Distribution



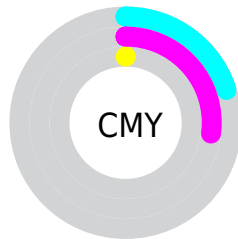
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5107, 55.1752, 102.0684 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 60.5107, 55.1752, 102.0684 by changing the saturation by 10% instead.

60.5107, 55.1752,
102.0684

60.5107, 55.1752,
102.0684

416.2823,
406.5757, 588.1072

44.0814, 39.5420,
77.4026

104.6723, 97.7976,
166.0733

30.9327, 27.1816,
57.0698

133.1353,
125.5556, 206.2496

20.6992, 17.7097,
40.6516

166.3403,
158.1240, 252.4330

13.0155, 10.7418,
27.7293

204.6526,
195.8872, 305.0422

7.5163, 5.8935,
17.8844

248.4376,
239.2296, 364.4956

3.8362, 2.7804,
10.6985

298.0607,

1.6099, 1.0182,

288.5355, 431.2119

5.7528

353.8871,
344.1894, 505.6096

■ 0.3988, 0.0000,
2.6290

■ 0.0000, 0.0000,
0.9074

■ 60.5107, 55.1752,
102.0684

■ 60.5107, 55.1752,
102.0684

■ 50.7533, 42.8703,
100.2076

■ 71.8552, 69.7238,
104.2786

■ 42.5047, 32.6893,
98.6772

■ 84.8501, 86.6149,
106.8540

■ 35.6875, 24.5107,
97.4578

95.0500, 100.0000,
108.9000

■ 30.2148, 18.1980,
96.5278

■ 25.9894, 13.5970,
95.8624

■ 22.8999, 10.5277,
95.4328

■ 20.8088, 8.7631,
95.2025

■ 20.3319, 8.3964,
95.1568

Harmonies

Analogous

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



53.0208, 55.1752, 111.3656



60.5107, 55.1752, 102.0684



66.2388, 55.1752, 81.3394

Triad

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



60.5107, 55.1752, 102.0684



59.4191, 55.1752, 30.4829



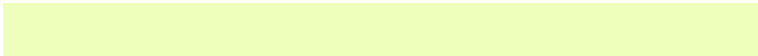
39.3408, 55.1752, 61.7422

Complementary

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



60.5107, 55.1752, 102.0684



79.5491, 93.0702, 60.2285

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.



40.7084, 55.1752, 42.8851



60.5107, 55.1752, 102.0684



51.8681, 55.1752, 27.5954

Square

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



60.5107, 55.1752, 102.0684



65.5676, 55.1752, 40.6418



45.1252, 55.1752, 31.5451



41.1972, 55.1752, 84.8888

Rectangle

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



60.5107, 55.1752, 102.0684



68.0301, 55.1752, 65.7708



45.1252, 55.1752, 31.5451



39.4385, 55.1752, 54.7206

Sweetspot

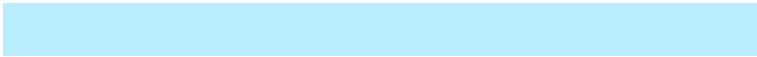
The Sweet Spot groups the original color and five complimentary colors.



60.5123, 55.1774, 102.0687



83.5525, 84.9194, 106.5951



68.8029, 78.6639, 106.1651



17.4472, 17.6068, 22.7288



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.



60.5123, 55.1774, 102.0687



55.4950, 48.8211, 101.1063



70.7862, 60.4737, 102.5495



17.4472, 17.6068, 22.7288



10.7414, 4.4479, 49.7270



1.1429, 0.4831, 4.8463

Inverse Universe

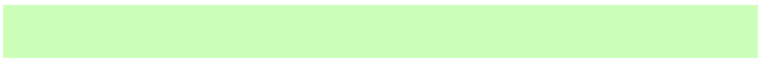
The Inverse Universe completely reimagines the original color for something new.



74.0862, 62.4942, 88.2801



71.0706, 57.2249, 84.9263



69.3210, 87.7975, 59.7498



18.5784, 18.2147, 21.6631



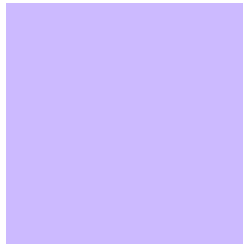
26.3834, 13.0427, 26.4673



2.6137, 1.2878, 2.8129

Previews

White Background



This preview shows how the XYZ color 60.5107, 55.1752, 102.0684 looks on a white background.

Color Contrast Check

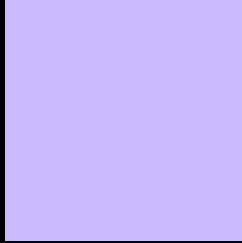
Large Text (above 18pt) WCAG AA × Fail

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 60.5107, 55.1752, 102.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

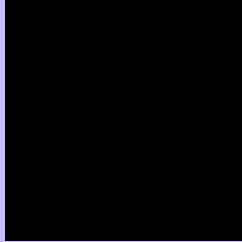
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5107, 55.1752, 102.0684

Background



This preview shows how black text looks on a background with the XYZ color 60.5107, 55.1752, 102.0684.

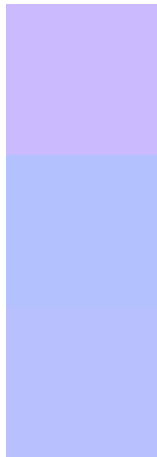


This preview shows how white text looks on a background with the XYZ color 60.5107, 55.1752,

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

60.5107, 55.1752, 102.0684

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.7265, 55.4860, 101.4860



Tritanopia

53.6896, 54.9725, 68.7538

Trichromacy



Original Color

60.5107, 55.1752, 102.0684

Protanomaly

57.4198, 55.1730, 102.2308

Deuteranomaly

57.7887, 55.0590, 101.3476

Tritanomaly

55.9115, 54.8947, 79.6004

Monochromacy



Original Color

60.5107, 55.1752, 102.0684

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1654, 56.1156, 74.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5107, 55.1752, 102.0684 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(204, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 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(204, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5107, 55.1752, 102.0684 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(204, 186, 255) }
```


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

```
.border{ border-color:rgb(204, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5107, 55.1752, 102.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 255) }
```

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

```
.background{ background-color: rgb(204,  
186, 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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