

Converting Colors

XYZ(59.3517, 55.4308,
102.1788)

Have a look what the booklet for
XYZ(59.3517, 55.4308, 102.1788)
contains.

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Color

**XYZ(59.5363, 55.6210,
102.2058)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BDFF
RGB	198, 189, 255
RGB Percent	78%, 74%, 100%
CMY	0.2235, 0.2588, 0.0000
CMYK	0.22, 0.26, 0.00, 0.00
HSL	248°, 100%, 87%
HSV	248°, 26%, 100%
XYZ	59.5363, 55.6210, 102.2058
YIQ	199.2150, -15.8220, 22.4340

Conversions

Conversions Part 2

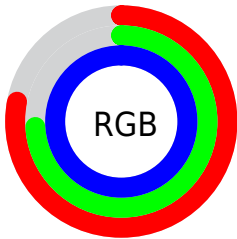
Format	Color
R _Y B	198, 189, 255
Decimal	13024767
CIE Lab	79.40, 16.61, -31.35
CIE LCh	79, 35.477, 297.923
Yxy	55.6210, 0.2739, 0.2559
Android (android.graphics.Color)	4291214847 (0xFFC6BDFF)
YUV	199.2150, 27.5020, -1.0656
Hunter-Lab	74.5795, 11.9812, -29.0470

Details

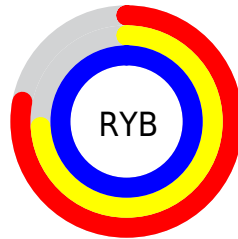
The XYZ color **59.5363, 55.6210, 102.2058** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9523, 94.7874, 62.0703**, and the grayscale version is **54.2630, 57.0889, 62.1698**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.3249, 27.5252, 57.1407** is the 20% darker color. If you saturate the color by 10%, you get **49.1368, 42.8216, 100.2833**, and if you desaturate by 10%, it is **71.7474, 70.7885, 104.4898**.

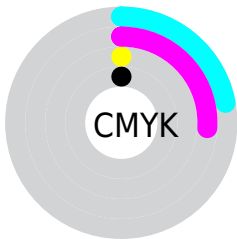
Distribution



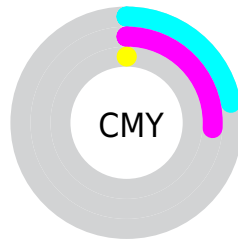
- Red (78%)
- Green (74%)
- Blue (100%)



- Red (78%)
- Yellow (74%)
- Blue (100%)



- Cyan (22%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5363, 55.6210, 102.2058 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 59.5363, 55.6210, 102.2058 by changing the saturation by 10% instead.

■ 59.5363, 55.6210,
102.2058

■ 59.5363, 55.6210,
102.2058

412.7487,
408.2616, 588.5487

■ 43.2930, 39.8991,
77.5168

■ 103.2669, 98.4502,
166.2634

■ 30.3106, 27.4599,
57.1631

131.4849,
126.3264, 206.4692

■ 20.2237, 17.9189,
40.7260

164.4252,
159.0227, 252.6842

■ 12.6670, 10.8918,
27.7869

202.4532,
196.9237, 305.3272

■ 7.2750, 5.9941,
17.9275

245.9342,
240.4137, 364.8166

■ 3.6826, 2.8415,
10.7290

295.2335,

■ 1.5242, 1.0496,

289.8771, 431.5710

5.7731

350.7165,
345.6983, 506.0088

■ 0.3422, 0.0000,
2.6410

■ 0.0000, 0.0000,
0.9135

■ 59.5363, 55.6210,
102.2058

■ 59.5363, 55.6210,
102.2058

■ 49.1368, 42.8216,
100.2833

■ 71.7474, 70.7885,
104.4898

■ 40.4573, 32.2639,
98.7030

■ 85.8461, 88.4286,
107.1516

■ 33.4053, 23.8201,
97.4448

95.0500, 100.0000,
108.9000

■ 27.8778, 17.3463,
96.4866

■ 23.7596, 12.6808,
95.8031

■ 20.9186, 9.6356,
95.3651

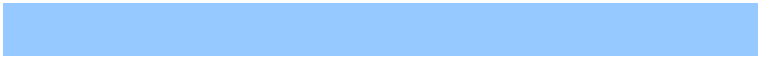
■ 19.1960, 7.9801,
95.1363

■ 18.7353, 7.5733,
95.0821

Harmonies

Analogous

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



52.3718, 55.6210, 108.7724



59.5363, 55.6210, 102.2058



65.3289, 55.6210, 83.8476

Triad

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



59.5363, 55.6210, 102.2058



60.4707, 55.6210, 33.0552



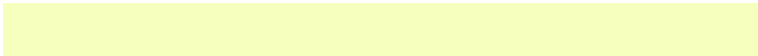
40.3368, 55.6210, 59.1529

Complementary

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



59.5363, 55.6210, 102.2058



82.9523, 94.7874, 62.0703

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.



42.0986, 55.6210, 42.0436



59.5363, 55.6210, 102.2058



53.3635, 55.6210, 29.2343

Square

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



59.5363, 55.6210, 102.2058



65.9015, 55.6210, 44.0015



46.7137, 55.6210, 32.1158



41.6740, 55.6210, 80.8294

Rectangle

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



59.5363, 55.6210, 102.2058



67.4073, 55.6210, 69.1363



46.7137, 55.6210, 32.1158



40.5826, 55.6210, 52.7273

Sweetspot

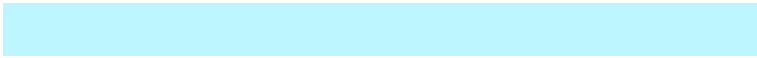
The Sweet Spot groups the original color and five complimentary colors.



59.5379, 55.6232, 102.2061



82.6965, 84.4781, 106.5551



72.0541, 84.0730, 107.0378



17.2333, 17.4965, 22.7188



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.



59.5379, 55.6232, 102.2061



53.9927, 48.7816, 101.1778



69.1395, 60.5729, 102.6554



17.2333, 17.4965, 22.7188



9.8595, 3.9932, 49.6857



1.0271, 0.4234, 4.8409

Inverse Universe

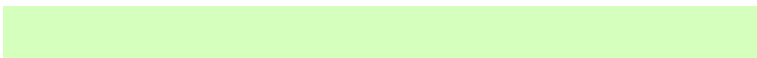
The Inverse Universe completely reimagines the original color for something new.



76.0733, 64.3109, 95.5937



73.1183, 58.8362, 93.2672



72.4452, 89.3708, 61.5786



18.6798, 18.2552, 22.1972



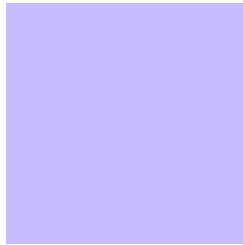
28.3561, 13.8317, 36.8552



2.7891, 1.3580, 3.7368

Previews

White Background



This preview shows how the XYZ color 59.5363, 55.6210, 102.2058 looks on a white background.

Color Contrast Check

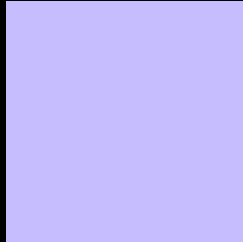
Large Text (above 18pt) WCAG AA × Fail

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 59.5363, 55.6210, 102.2058 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 59.5363, 55.6210, 102.2058

Background



This preview shows how black text looks on a background with the XYZ color 59.5363, 55.6210, 102.2058.

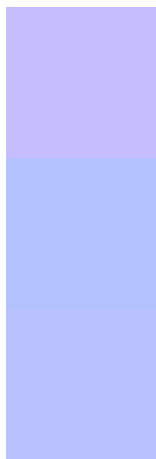


This preview shows how white text looks on a background with the XYZ color 59.5363, 55.6210,

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

59.5363, 55.6210, 102.2058

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.9669, 55.6100, 101.4972



Tritanopia

53.2117, 55.6838, 70.8943

Trichromacy



Original Color

59.5363, 55.6210, 102.2058

Protanomaly

57.3932, 55.4841, 102.2923

Deuteranomaly

57.9742, 55.8022, 101.4813

Tritanomaly

55.2877, 55.5225, 81.2017

Monochromacy



Original Color

59.5363, 55.6210, 102.2058

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8545, 56.2868, 74.9384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5363, 55.6210, 102.2058 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(198, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 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(198, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.5363, 55.6210, 102.2058 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(198, 189, 255) }
```


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

```
.border{ border-color:rgb(198, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5363, 55.6210, 102.2058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 255) }
```

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

```
.background{ background-color: rgb(198,  
189, 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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