

Converting Colors

XYZ(59.4398, 54.6700,
102.0273)

Have a look what the booklet for
XYZ(59.4398, 54.6700, 102.0273)
contains.

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Color

**XYZ(59.4283, 54.6172,
102.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BAFF
RGB	200, 186, 255
RGB Percent	78%, 73%, 100%
CMY	0.2157, 0.2706, 0.0000
CMYK	0.22, 0.27, 0.00, 0.00
HSL	252°, 100%, 86%
HSV	252°, 27%, 100%
XYZ	59.4283, 54.6172, 102.0177
YIQ	198.0520, -13.8050, 24.4270

Conversions

Conversions Part 2

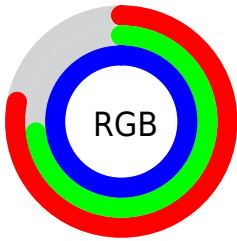
Format	Color
R _Y B	200, 186, 255
Decimal	13155071
CIE Lab	78.82, 18.84, -32.22
CIE LCh	79, 37.327, 300.319
Yxy	54.6172, 0.2751, 0.2528
Android (android.graphics.Color)	4291345151 (0xFFC8BAFF)
YUV	198.0520, 28.0754, 1.7084
Hunter-Lab	73.9035, 14.2069, -30.1126

Details

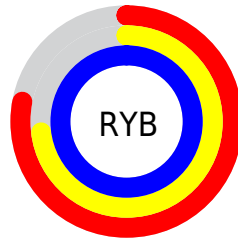
The XYZ color **59.4283, 54.6172, 102.0177** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.8996, 93.7664, 60.2916**, and the grayscale version is **53.5503, 56.3391, 61.3533**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.2576, 26.8720, 57.0181** is the 20% darker color. If you saturate the color by 10%, you get **49.4555, 42.2013, 100.1468**, and if you desaturate by 10%, it is **71.0846, 69.3265, 104.2425**.

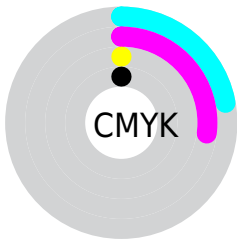
Distribution



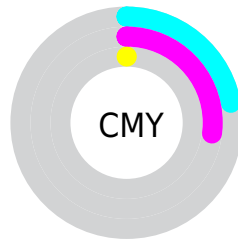
- Red (78%)
- Green (73%)
- Blue (100%)



- Red (78%)
- Yellow (73%)
- Blue (100%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4283, 54.6172, 102.0177 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 59.4283, 54.6172, 102.0177 by changing the saturation by 10% instead.

■ 59.4283, 54.6172,
102.0177

■ 59.4283, 54.6172,
102.0177

412.3559,
404.4592, 587.9443

■ 43.2057, 39.0953,
77.3604

■ 103.1110, 96.9799,
166.0032

■ 30.2418, 26.8339,
57.0354

131.3017,
124.5894, 206.1685

■ 20.1711, 17.4485,
40.6241

164.2126,
156.9971, 252.3403

■ 12.6285, 10.5548,
27.7080

202.2089,
194.5871, 304.9370

■ 7.2485, 5.7683,
17.8685

245.6561,
237.7439, 364.3772

■ 3.6657, 2.7047,
10.6872

294.9194,

■ 1.5148, 0.9796,

286.8519, 431.0794

5.7454

350.3642,
342.2956, 505.4623

■ 0.3359, 0.0000,
2.6246

■ 0.0000, 0.0000,
0.9051

■ 59.4283, 54.6172,
102.0177

■ 59.4283, 54.6172,
102.0177

■ 49.4555, 42.2013,
100.1468

■ 71.0846, 69.3265,
104.2425

■ 41.0821, 31.9559,
98.6106

■ 84.4935, 86.4310,
106.8373

■ 34.2240, 23.7562,
97.3893

95.0500, 100.0000,
108.9000

■ 28.7869, 17.4619,
96.4610

■ 24.6657, 12.9146,
95.8005

■ 21.7395, 9.9295,
95.3785

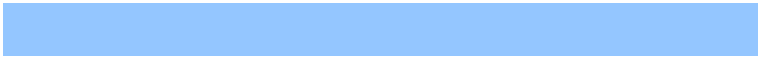
■ 19.8600, 8.2740,
95.1580

■ 19.4526, 7.9431,
95.1156

Harmonies

Analogous

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



51.9913, 54.6172, 110.2109



59.4283, 54.6172, 102.0177



65.2756, 54.6172, 82.0056

Triad

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



59.4283, 54.6172, 102.0177



59.2782, 54.6172, 30.6349



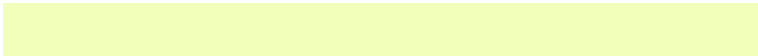
38.9484, 54.6172, 59.6961

Complementary

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



59.4283, 54.6172, 102.0177



80.8996, 93.7664, 60.2916

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.



40.5094, 54.6172, 41.4930



59.4283, 54.6172, 102.0177



51.8328, 54.6172, 27.3276

Square

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



59.4283, 54.6172, 102.0177



65.1833, 54.6172, 41.1845



45.0578, 54.6172, 30.7809



40.5766, 54.6172, 82.4935

Rectangle

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



59.4283, 54.6172, 102.0177



67.2329, 54.6172, 66.5851



45.0578, 54.6172, 30.7809



39.1156, 54.6172, 52.8786

Sweetspot

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



59.4299, 54.6193, 102.0180



83.1524, 84.7132, 106.5764



69.8155, 80.6892, 106.5026



17.3472, 17.5552, 22.7241



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.



59.4299, 54.6193, 102.0180



54.2945, 48.2022, 101.0501



69.6405, 59.8831, 102.4959



17.3472, 17.5552, 22.7241



10.2607, 4.2001, 49.7045



1.0833, 0.4524, 4.8435

Inverse Universe

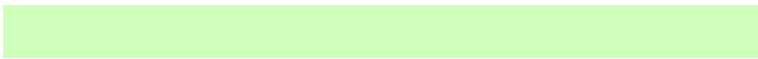
The Inverse Universe completely reimagines the original color for something new.



74.6772, 62.7306, 91.3926



71.7584, 57.5000, 88.5482



70.2726, 88.2880, 59.7943



18.6254, 18.2335, 21.9107



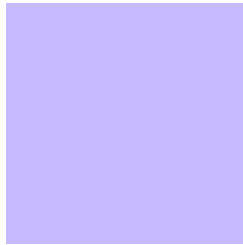
27.2530, 13.3905, 31.0466



2.6916, 1.3190, 3.2235

Previews

White Background



This preview shows how the XYZ color 59.4283, 54.6172, 102.0177 looks on a white background.

Color Contrast Check

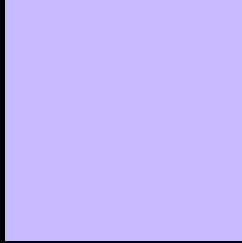
Large Text (above 18pt) WCAG AA × Fail

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 59.4283, 54.6172, 102.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

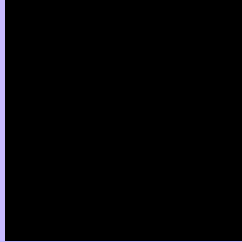
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4283, 54.6172, 102.0177

Background



This preview shows how black text looks on a background with the XYZ color 59.4283, 54.6172, 102.0177.

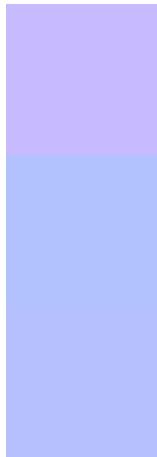


This preview shows how white text looks on a background with the XYZ color 59.4283, 54.6172,

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

59.4283, 54.6172, 102.0177

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.0304, 54.8001, 101.3903



Tritanopia

52.6629, 54.4432, 68.7057

Trichromacy



Original Color

59.4283, 54.6172, 102.0177

Protanomaly

56.7132, 54.4860, 102.1355

Deuteranomaly

57.2891, 54.8015, 101.3242

Tritanomaly

54.8639, 54.3547, 79.5514

Monochromacy



Original Color

59.4283, 54.6172, 102.0177

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6312, 55.8402, 74.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4283, 54.6172, 102.0177 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(200, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4283, 54.6172, 102.0177 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(200, 186, 255) }
```


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

```
.border{ border-color:rgb(200, 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(200, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4283, 54.6172, 102.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 186, 255) }
```

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

```
.background{ background-color: rgb(200,  
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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