

Converting Colors

XYZ(58.1207, 54.5915,
101.2399)

Have a look what the booklet for
XYZ(58.1207, 54.5915, 101.2399)
contains.

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Color

**XYZ(58.1207, 54.5915,
101.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BCFE
RGB	194, 188, 254
RGB Percent	76%, 74%, 100%
CMY	0.2392, 0.2627, 0.0039
CMYK	0.24, 0.26, 0.00, 0.00
HSL	245°, 97%, 87%
HSV	245°, 26%, 100%
XYZ	58.1207, 54.5915, 101.2399
YIQ	197.3180, -17.6100, 21.7980

Conversions

Conversions Part 2

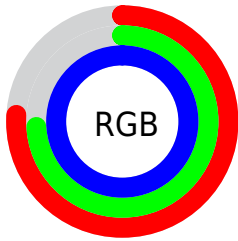
Format	Color
RYB	194, 188, 254
Decimal	12762366
CIELab	78.81, 15.75, -31.75
CIELCh	79, 35.440, 296.383
Yxy	54.5915, 0.2717, 0.2552
Android (android.graphics.Color)	4290952446 (0xFFC2BCFE)
YUV	197.3180, 27.9442, -2.9099
Hunter-Lab	73.8861, 11.1121, -29.5199

Details

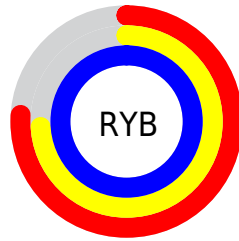
The XYZ color **58.1207, 54.5915, 101.2399** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2320, 94.4723, 61.4274**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **90.1843, 92.4306, 107.6954**, and **29.3895, 26.8481, 56.4565** is the 20% darker color. If you saturate the color by 10%, you get **47.6918, 41.8577, 99.3326**, and if you desaturate by 10%, it is **70.4289, 69.7140, 103.5111**.

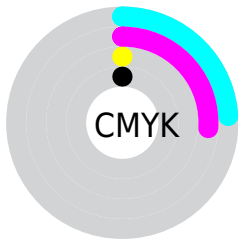
Distribution



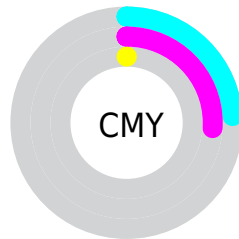
- Red (76%)
- Green (74%)
- Blue (100%)



- Red (76%)
- Yellow (74%)
- Blue (100%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1207, 54.5915, 101.2399 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 58.1207, 54.5915, 101.2399 by changing the saturation by 10% instead.

■ 58.1207, 54.5915,
101.2399

■ 58.1207, 54.5915,
101.2399

407.5822,
404.3616, 585.4412

■ 42.1493, 39.0748,
76.7138

■ 101.2206, 96.9422,
164.9268

■ 29.4099, 26.8179,
56.5078

129.0798,
124.5449, 204.9246

■ 19.5369, 17.4365,
40.2035

161.6323,
156.9451, 250.9167

■ 12.1652, 10.5462,
27.3823

199.2435,
194.5271, 303.3218

■ 6.9293, 5.7626,
17.6256

242.2787,
237.6754, 362.5582

■ 3.4638, 2.7013,
10.5148

291.1033,

■ 1.4035, 0.9778,

286.7743, 429.0445

5.6316

346.0827,
342.2082, 503.1994

■ 0.2587, 0.0000,
2.5572

■ 0.0000, 0.0000,
0.8703

■ 58.1207, 54.5915,
101.2399

■ 58.1207, 54.5915,
101.2399

■ 47.6918, 41.8577,
99.3326

■ 70.4289, 69.7140,
103.5111

■ 39.0444, 31.3843,
97.7668

■ 84.6970, 87.3320,
106.1597

■ 32.0800, 23.0405,
96.5234

94.8896, 99.9358,
108.0552

■ 26.6881, 16.6797,
95.5798

■ 22.7453, 12.1365,
94.9107

■ 20.1091, 9.2188,
94.4864

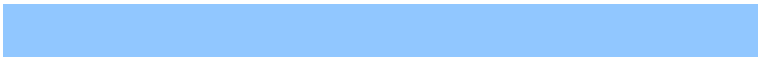
■ 18.6073, 7.6902,
94.2705

■ 18.2449, 7.3390,
94.2219

Harmonies

Analogous

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



51.0405, 54.5915, 106.9784



58.1207, 54.5915, 101.2399



63.9613, 54.5915, 83.5185

Triad

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



58.1207, 54.5915, 101.2399



59.7263, 54.5915, 32.7074



39.5470, 54.5915, 57.0349

Complementary

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



58.1207, 54.5915, 101.2399



83.2320, 94.4723, 61.4274

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.



41.4378, 54.5915, 40.5021



58.1207, 54.5915, 101.2399



52.7440, 54.5915, 28.6020

Square

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



58.1207, 54.5915, 101.2399



64.9454, 54.5915, 43.8624



46.1168, 54.5915, 31.0967



40.7090, 54.5915, 78.3299

Rectangle

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



58.1207, 54.5915, 101.2399



66.1451, 54.5915, 69.0159



46.1168, 54.5915, 31.0967



39.8419, 54.5915, 50.7951

Sweetspot

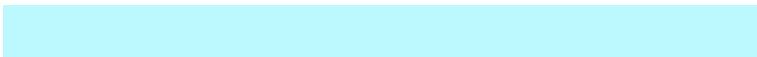
The Sweet Spot groups the original color and five complimentary colors.



58.1225, 54.5937, 101.2411



82.3870, 84.3186, 106.5406



72.3514, 85.2912, 106.4164



17.1561, 17.4567, 22.7152



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.



58.1225, 54.5937, 101.2411



53.1261, 48.3349, 101.1373



67.3955, 59.3741, 101.6751



17.1561, 17.4567, 22.7152



9.6696, 3.8953, 49.6768



0.9908, 0.4047, 4.8392

Inverse Universe

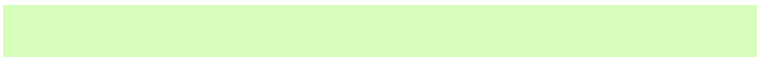
The Inverse Universe completely reimagines the original color for something new.



75.8012, 63.8167, 97.1316



73.6701, 59.0569, 96.1727



72.6919, 89.0387, 60.9341



18.7173, 18.2702, 22.3943



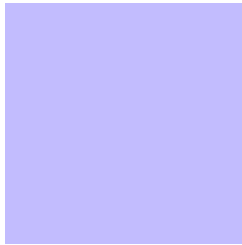
29.1758, 14.1596, 41.1715



2.8607, 1.3867, 4.1139

Previews

White Background



This preview shows how the XYZ color 58.1207, 54.5915, 101.2399 looks on a white background.

Color Contrast Check

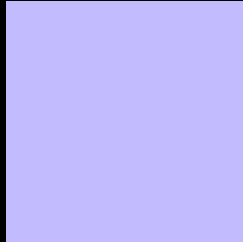
Large Text (above 18pt) WCAG AA × Fail

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 58.1207, 54.5915, 101.2399 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 58.1207, 54.5915, 101.2399

Background



This preview shows how black text looks on a background with the XYZ color 58.1207, 54.5915, 101.2399.

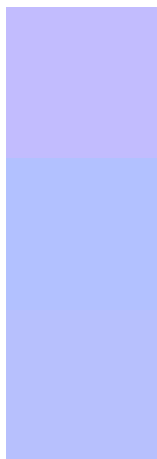


This preview shows how white text looks on a background with the XYZ color 58.1207, 54.5915,

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

58.1207, 54.5915, 101.2399

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.1077, 54.8584, 100.5600



Tritanopia

51.7475, 54.6221, 69.4438

Trichromacy



Original Color

58.1207, 54.5915, 101.2399

Protanomaly

56.4480, 54.6720, 102.1854

Deuteranomaly

56.8539, 54.9182, 100.5323

Tritanomaly

53.9214, 54.5048, 80.3516

Monochromacy



Original Color

58.1207, 54.5915, 101.2399

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7116, 55.3813, 74.1357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1207, 54.5915, 101.2399 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(194, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 254)  
}
```

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(194, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 254) }
```

Border

The CSS property to change the border of an element to XYZ 58.1207, 54.5915, 101.2399 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(194, 188, 254) }
```


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

```
.border{ border-color:rgb(194, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1207, 54.5915, 101.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 254) }
```

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

```
.background{ background-color: rgb(194,  
188, 254) }
```

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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