

Converting Colors

XYZ(60.1916, 54.3709,
101.9299)

Have a look what the booklet for
XYZ(60.1916, 54.3709, 101.9299)
contains.

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Color

**XYZ(60.0923, 54.3383,
101.9289)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8FF
RGB	204, 184, 255
RGB Percent	80%, 72%, 100%
CMY	0.2000, 0.2784, 0.0000
CMYK	0.20, 0.28, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 28%, 100%
XYZ	60.0923, 54.3383, 101.9289
YIQ	198.0740, -10.8710, 26.3210

Conversions

Conversions Part 2

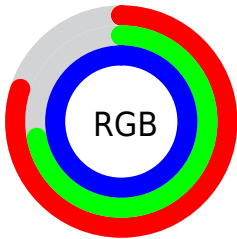
Format	Color
RYB	204, 184, 255
Decimal	13416703
CIELab	78.66, 21.13, -32.44
CIELCh	79, 38.716, 303.071
Yxy	54.3383, 0.2777, 0.2511
Android (android.graphics.Color)	4291606783 (0xFFCCB8FF)
YUV	198.0740, 28.0645, 5.1971
Hunter-Lab	73.7145, 16.5133, -30.3832

Details

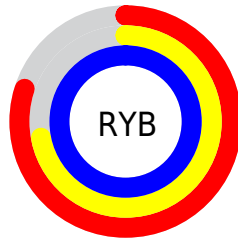
The XYZ color **60.0923, 54.3383, 101.9289** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6736, 92.6433, 59.0851**, and the grayscale version is **53.5624, 56.3518, 61.3672**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.7038, 26.6994, 56.9613** is the 20% darker color. If you saturate the color by 10%, you get **50.5364, 42.2458, 100.0984**, and if you desaturate by 10%, it is **71.1966, 68.6488, 104.1058**.

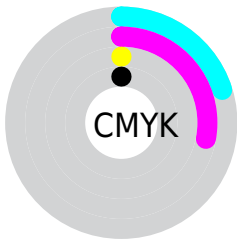
Distribution



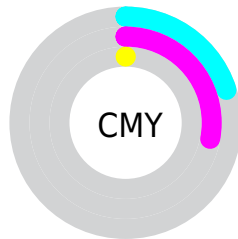
- Red (80%)
- Green (72%)
- Blue (100%)



- Red (80%)
- Yellow (72%)
- Blue (100%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0923, 54.3383, 101.9289 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 60.0923, 54.3383, 101.9289 by changing the saturation by 10% instead.

60.0923, 54.3383,
101.9289

60.0923, 54.3383,
101.9289

414.7672,
403.3987, 587.6588

43.7428, 38.8722,
77.2866

104.0691, 96.5708,
165.8804

30.6654, 26.6603,
56.9751

132.4272,
124.1060, 206.0266

20.4948, 17.3183,
40.5761

165.5187,
156.4329, 252.1778

12.8655, 10.4617,
27.6708

203.7092,
193.9361, 304.7527

7.4124, 5.7061,
17.8408

247.3639,
236.9999, 364.1697

3.7699, 2.6672,
10.6675

296.8483,

1.5728, 0.9606,

286.0086, 430.8473

5.7323

352.5276,
341.3468, 505.2042

■ 0.3746, 0.0000,
2.6169

■ 0.0000, 0.0000,
0.9011

■ 60.0923, 54.3383,
101.9289

■ 60.0923, 54.3383,
101.9289

■ 50.5364, 42.2458,
100.0984

■ 71.1966, 68.6488,
104.1058

■ 42.4525, 32.2519,
98.5955

■ 83.9112, 85.2759,
106.6450

■ 35.7643, 24.2352,
97.4006

95.0500, 100.0000,
108.9000

■ 30.3866, 18.0593,
96.4920

■ 26.2241, 13.5697,
95.8448

■ 23.1665, 10.5852,
95.4299

■ 21.0731, 8.8671,
95.2086

■ 20.7098, 8.5912,
95.1745

Harmonies

Analogous

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



52.4387, 54.3383, 111.9573



60.0923, 54.3383, 101.9289



65.8953, 54.3383, 80.3563

Triad

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



60.0923, 54.3383, 101.9289



58.5955, 54.3383, 29.0046



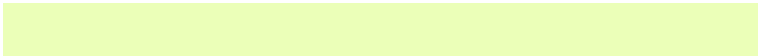
38.3129, 54.3383, 61.4500

Complementary

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



60.0923, 54.3383, 101.9289



78.6736, 92.6433, 59.0851

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.



39.6165, 54.3383, 42.0714



60.0923, 54.3383, 101.9289



50.8632, 54.3383, 26.2929

Square

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



60.0923, 54.3383, 101.9289



64.9729, 54.3383, 39.0345



44.0324, 54.3383, 30.4300



40.2803, 54.3383, 85.2445

Rectangle

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



60.0923, 54.3383, 101.9289



67.6598, 54.3383, 64.3913



44.0324, 54.3383, 30.4300



38.3836, 54.3383, 54.2298

Sweetspot

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



60.0939, 54.3404, 101.9292



83.6968, 84.9938, 106.6019



67.8331, 77.4408, 105.9801



17.4834, 17.6254, 22.7305



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.



60.0939, 54.3404, 101.9292



54.9752, 47.8319, 100.9427



70.5972, 59.7551, 102.4207



17.4834, 17.6254, 22.7305



10.9460, 4.5534, 49.7366



1.1670, 0.4955, 4.8474

Inverse Universe

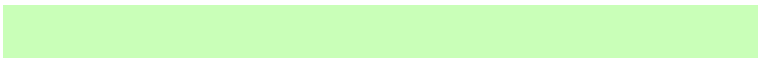
The Inverse Universe completely reimagines the original color for something new.



73.3769, 61.5409, 86.6095



70.2403, 56.1155, 82.9500



68.3841, 87.3388, 58.6035



18.5616, 18.2080, 21.5746



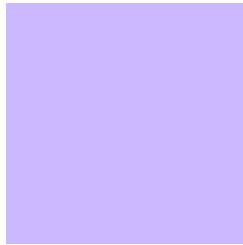
26.0913, 12.9258, 24.9289



2.5872, 1.2772, 2.6735

Previews

White Background



This preview shows how the XYZ color 60.0923, 54.3383, 101.9289 looks on a white background.

Color Contrast Check

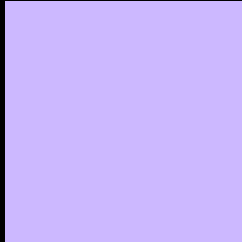
Large Text (above 18pt) WCAG AA × Fail

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 60.0923, 54.3383, 101.9289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

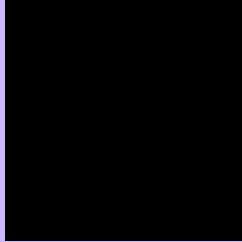
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0923, 54.3383, 101.9289

Background



This preview shows how black text looks on a background with the XYZ color 60.0923, 54.3383, 101.9289.

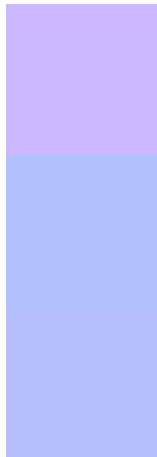


This preview shows how white text looks on a background with the XYZ color 60.0923, 54.3383,

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

60.0923, 54.3383, 101.9289

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.8116, 54.3624, 101.3173



Tritanopia

53.2201, 54.4298, 67.3755

Trichromacy



Original Color

60.0923, 54.3383, 101.9289

Protanomaly

56.7411, 54.1800, 102.0749

Deuteranomaly

57.1078, 54.0693, 101.1925

Tritanomaly

55.5573, 54.4053, 78.8072

Monochromacy



Original Color

60.0923, 54.3383, 101.9289

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6756, 55.5338, 74.8025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0923, 54.3383, 101.9289 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0923, 54.3383, 101.9289 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, 184, 255) }
```


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

```
.border{ border-color:rgb(204, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0923, 54.3383, 101.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 255) }
```

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

```
.background{ background-color: rgb(204,  
184, 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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