

Converting Colors

XYZ(60.6507, 54.3299,
107.5299)

Have a look what the booklet for
XYZ(60.6507, 54.3299, 107.5299)
contains.

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Color

**XYZ(59.6121, 53.7835,
101.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB7FF
RGB	203, 183, 255
RGB Percent	80%, 72%, 100%
CMY	0.2039, 0.2823, 0.0000
CMYK	0.20, 0.28, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 28%, 100%
XYZ	59.6121, 53.7835, 101.8471
YIQ	197.1880, -11.1920, 26.6320

Conversions

Conversions Part 2

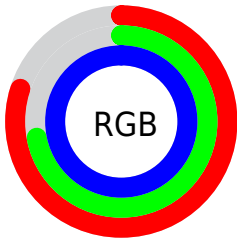
Format	Color
R _Y B	203, 183, 255
Decimal	13350911
CIE Lab	78.34, 21.37, -32.95
CIE LCh	78, 39.274, 302.972
Yxy	53.7835, 0.2770, 0.2499
Android (android.graphics.Color)	4291540991 (0xFFCBB7FF)
YUV	197.1880, 28.5013, 5.0971
Hunter-Lab	73.3372, 16.7534, -31.0029

Details

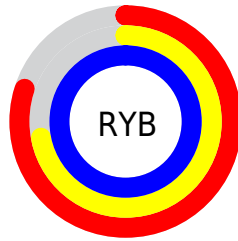
The XYZ color **59.6121, 53.7835, 101.8471** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5691, 92.6015, 58.5349**, and the grayscale version is **53.0240, 55.7854, 60.7503**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.3884, 26.3384, 56.9083** is the 20% darker color. If you saturate the color by 10%, you get **50.1003, 41.7678, 100.0292**, and if you desaturate by 10%, it is **70.6757, 68.0161, 104.0112**.

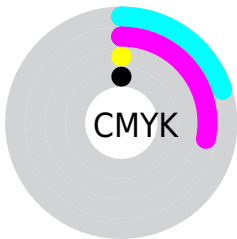
Distribution



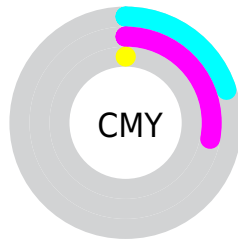
- Red (80%)
- Green (72%)
- Blue (100%)



- 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 59.6121, 53.7835, 101.8471 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 59.6121, 53.7835, 101.8471 by changing the saturation by 10% instead.

■ 59.6121, 53.7835,
101.8471

■ 59.6121, 53.7835,
101.8471

413.0242,
401.2839, 587.3957

■ 43.3543, 38.4286,
77.2186

■ 103.3763, 95.7563,
165.7672

■ 30.3589, 26.3155,
56.9196

131.6135,
123.1430, 205.8958

■ 20.2606, 17.0598,
40.5318

164.5744,
155.3090, 252.0282

■ 12.6940, 10.2772,
27.6365

202.6246,
192.6389, 304.5829

■ 7.2937, 5.5831,
17.8152

246.1293,
235.5169, 363.9785

■ 3.6944, 2.5933,
10.6493

295.4539,

■ 1.5307, 0.9233,

284.3275, 430.6334

5.7203

350.9637,
339.4550, 504.9663

■ 0.3466, 0.0000,
2.6098

■ 0.0000, 0.0000,
0.8975

■ 59.6121, 53.7835,
101.8471

■ 59.6121, 53.7835,
101.8471

■ 50.1003, 41.7678,
100.0292

■ 70.6757, 68.0161,
104.0112

■ 42.0632, 31.8490,
98.5382

■ 83.3536, 84.5647,
106.5371

■ 35.4242, 23.9051,
97.3548

95.0500, 100.0000,
108.9000

■ 30.0971, 17.7989,
96.4570

■ 25.9856, 13.3748,
95.8197

■ 22.9784, 10.4500,
95.4137

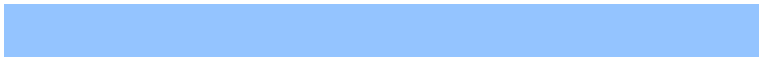
■ 20.9295, 8.7770,
95.1988

■ 20.6363, 8.5533,
95.1710

Harmonies

Analogous

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



51.8914, 53.7835, 111.9633



59.6121, 53.7835, 101.8471



65.4821, 53.7835, 80.0318

Triad

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



59.6121, 53.7835, 101.8471



58.1507, 53.7835, 28.3178



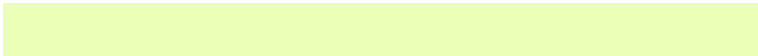
37.7080, 53.7835, 60.7879

Complementary

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



59.6121, 53.7835, 101.8471



78.5691, 92.6015, 58.5349

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.



39.0276, 53.7835, 41.3212



59.6121, 53.7835, 101.8471



50.3555, 53.7835, 25.5910

Square

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



59.6121, 53.7835, 101.8471



64.5806, 53.7835, 38.3751



43.4746, 53.7835, 29.6944



39.6725, 53.7835, 84.8150

Rectangle

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



59.6121, 53.7835, 101.8471



67.2751, 53.7835, 63.9068



43.4746, 53.7835, 29.6944



37.7826, 53.7835, 53.5221

Sweetspot

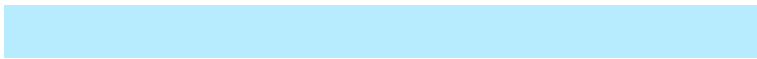
The Sweet Spot groups the original color and five complimentary colors.



59.6137, 53.7856, 101.8474



83.6697, 84.9798, 106.6006



67.5177, 77.1642, 105.9434



17.4766, 17.6219, 22.7302



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.



59.6137, 53.7856, 101.8474



53.9434, 46.5927, 100.7579



70.3118, 59.3007, 102.3481



17.4766, 17.6219, 22.7302



10.9063, 4.5329, 49.7347



1.1623, 0.4931, 4.8472

Inverse Universe

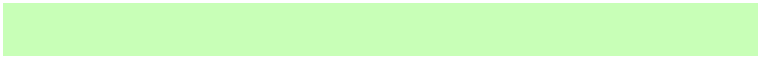
The Inverse Universe completely reimagines the original color for something new.



73.1700, 61.1270, 86.5406



69.7102, 55.1410, 82.5090



68.0746, 87.1914, 58.0438



18.5648, 18.2092, 21.5912



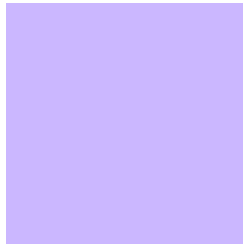
26.1453, 12.9474, 25.2136



2.5921, 1.2792, 2.6994

Previews

White Background



This preview shows how the XYZ color 59.6121, 53.7835, 101.8471 looks on a white background.

Color Contrast Check

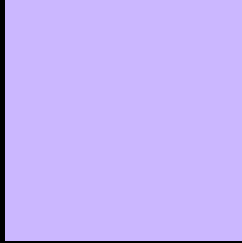
Large Text (above 18pt) WCAG AA × Fail

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 59.6121, 53.7835, 101.8471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

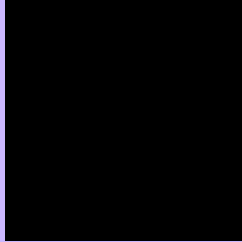
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6121, 53.7835, 101.8471

Background



This preview shows how black text looks on a background with the XYZ color 59.6121, 53.7835, 101.8471.



This preview shows how white text looks on a background with the XYZ color 59.6121, 53.7835,

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

59.6121, 53.7835, 101.8471

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.1828, 54.0568, 100.4541



Tritanopia

52.3603, 53.6736, 66.6318

Trichromacy



Original Color

59.6121, 53.7835, 101.8471

Protanomaly

56.4973, 54.0543, 102.0635

Deuteranomaly

56.6117, 53.8136, 101.1692

Tritanomaly

54.6781, 53.6473, 77.9941

Monochromacy



Original Color

59.6121, 53.7835, 101.8471

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0577, 54.9033, 74.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6121, 53.7835, 101.8471 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(203, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 183, 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(203, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6121, 53.7835, 101.8471 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(203, 183, 255) }
```


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

```
.border{ border-color:rgb(203, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6121, 53.7835, 101.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 183, 255) }
```

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

```
.background{ background-color: rgb(203,  
183, 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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