

Converting Colors

XYZ(57.6072, 51.4844,
101.5090)

Have a look what the booklet for
XYZ(57.6072, 51.4844, 101.5090)
contains.

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Color

**XYZ(57.7233, 51.6023,
101.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B3FF
RGB	199, 179, 255
RGB Percent	78%, 70%, 100%
CMY	0.2196, 0.2980, 0.0000
CMYK	0.22, 0.30, 0.00, 0.00
HSL	256°, 100%, 85%
HSV	256°, 30%, 100%
XYZ	57.7233, 51.6023, 101.5256
YIQ	193.6440, -12.4760, 27.8760

Conversions

Conversions Part 2

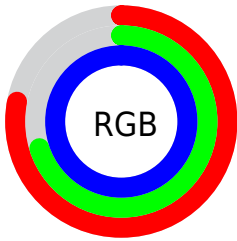
Format	Color
R_{YB}	199, 179, 255
Decimal	13087743
CIE _{Lab}	77.04, 22.38, -34.97
CIE _{LCh}	77, 41.519, 302.615
Yxy	51.6023, 0.2738, 0.2447
Android (android.graphics.Color)	4291277823 (0xFFC7B3FF)
YUV	193.6440, 30.2485, 4.6972
Hunter-Lab	71.8347, 17.7241, -33.5115

Details

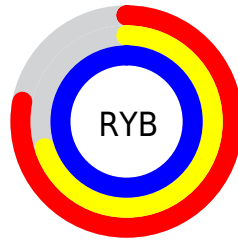
The XYZ color **57.7233, 51.6023, 101.5256** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.1584, 92.4372, 56.3727**, and the grayscale version is **50.9016, 53.5525, 58.3186**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.1555, 24.9282, 56.7010** is the 20% darker color. If you saturate the color by 10%, you get **48.3960, 39.8967, 99.7578**, and if you desaturate by 10%, it is **68.6143, 65.5191, 103.6378**.

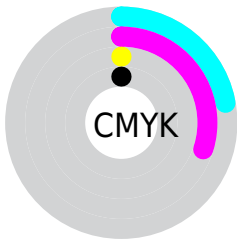
Distribution



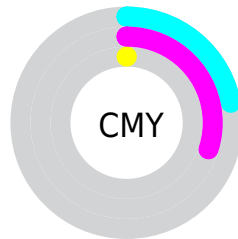
- Red (78%)
- Green (70%)
- Blue (100%)



- Red (78%)
- Yellow (70%)
- Blue (100%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7233, 51.6023, 101.5256 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 57.7233, 51.6023, 101.5256 by changing the saturation by 10% instead.

■ 57.7233, 51.6023,
101.5256

■ 57.7233, 51.6023,
101.5256

406.1246,
392.8993, 586.3613

■ 41.8286, 36.6882,
76.9513

■ 100.6451, 92.5445,
165.3223

■ 29.1577, 24.9661,
56.7016

128.4029,
119.3413, 205.3817

■ 19.3450, 16.0518,
40.3579

160.8459,
150.8678, 251.4398

■ 12.0253, 9.5608,
27.5018

198.3393,
187.5083, 303.9153

■ 6.8332, 5.1088,
17.7147

241.2485,
229.6474, 363.2267

■ 3.4034, 2.3112,
10.5780

289.9389,

■ 1.3705, 0.7796,

277.6693, 429.7924

5.6733

344.7758,
331.9585, 504.0311

■ 0.2351, 0.0000,
2.5819

■ 0.0000, 0.0000,
0.8831

■ 57.7233, 51.6023,
101.5256

■ 57.7233, 51.6023,
101.5256

■ 48.3960, 39.8967,
99.7578

■ 68.6143, 65.5191,
103.6378

■ 40.5532, 30.2806,
98.3151

■ 81.1335, 81.7485,
106.1106

■ 34.1156, 22.6292,
97.1775

95.0500, 100.0000,
108.9000

■ 28.9940, 16.8019,
96.3227

■ 25.0882, 12.6386,
95.7249

■ 22.2818, 9.9501,
95.3539

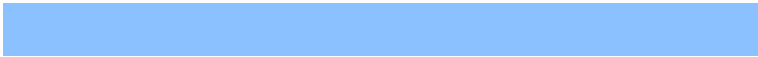
■ 20.4030, 8.4412,
95.1617

■ 20.3720, 8.4170,
95.1587

Harmonies

Analogous

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



49.7446, 51.6023, 112.0047



57.7233, 51.6023, 101.5256



63.8535, 51.6023, 78.7365

Triad

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



57.7233, 51.6023, 101.5256



56.3921, 51.6023, 25.6698



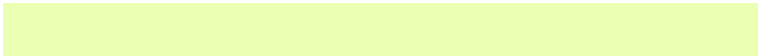
35.3490, 51.6023, 58.1997

Complementary

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



57.7233, 51.6023, 101.5256



78.1584, 92.4372, 56.3727

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.



36.7260, 51.6023, 38.4136



57.7233, 51.6023, 101.5256



48.3549, 51.6023, 22.9024

Square

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



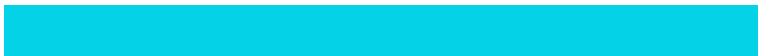
57.7233, 51.6023, 101.5256



63.0286, 51.6023, 35.8002



41.2858, 51.6023, 26.8684



37.3020, 51.6023, 83.1322

Rectangle

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



57.7233, 51.6023, 101.5256



65.7568, 51.6023, 61.9826



41.2858, 51.6023, 26.8684



35.4379, 51.6023, 50.7628

Sweetspot

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



57.7249, 51.6043, 101.5259



82.2106, 83.1540, 106.3251



66.6371, 76.7957, 105.9186



17.1801, 17.2553, 22.6751



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.



57.7249, 51.6043, 101.5259



51.7639, 44.0955, 100.3908



68.7633, 57.2948, 102.0425



17.4512, 17.6088, 22.7290



10.7632, 4.4591, 49.7280



1.1455, 0.4844, 4.8464

Inverse Universe

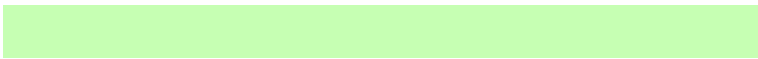
The Inverse Universe completely reimagines the original color for something new.



72.3564, 59.5000, 86.2691



68.7742, 53.2861, 82.1448



67.1866, 86.7810, 55.8592



18.5766, 18.2139, 21.6534



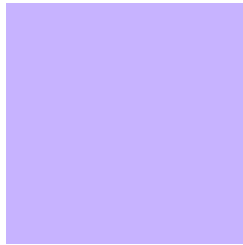
26.3506, 13.0295, 26.2946



2.6107, 1.2866, 2.7973

Previews

White Background



This preview shows how the XYZ color 57.7233, 51.6023, 101.5256 looks on a white background.

Color Contrast Check

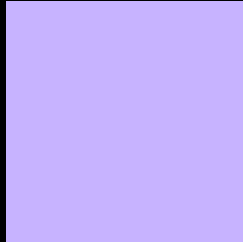
Large Text (above 18pt) WCAG AA × Fail

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 57.7233, 51.6023, 101.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

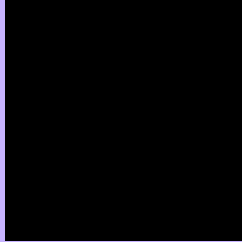
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7233, 51.6023, 101.5256

Background



This preview shows how black text looks on a background with the XYZ color 57.7233, 51.6023, 101.5256.

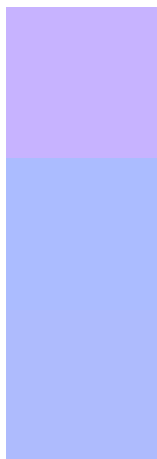


This preview shows how white text looks on a background with the XYZ color 57.7233, 51.6023,

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

57.7233, 51.6023, 101.5256

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.9555, 51.6312, 100.1033



Tritanopia

50.3319, 51.7020, 64.4534

Trichromacy



Original Color

57.7233, 51.6023, 101.5256

Protanomaly

54.4550, 51.7417, 101.7248

Deuteranomaly

54.5583, 51.5040, 100.8317

Tritanomaly

52.6606, 51.3631, 76.9506

Monochromacy



Original Color

57.7233, 51.6023, 101.5256

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.3572, 53.0888, 72.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7233, 51.6023, 101.5256 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(199, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 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(199, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.7233, 51.6023, 101.5256 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(199, 179, 255) }
```


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

```
.border{ border-color:rgb(199, 179, 255) }
```

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

Here you see how a box with a 4 pixel rgb(199, 179, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7233, 51.6023, 101.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 255) }
```

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

```
.background{ background-color: rgb(199,  
179, 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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