

Converting Colors

XYZ(58.2473, 51.5902,
101.2366)

Have a look what the booklet for
XYZ(58.2473, 51.5902, 101.2366)
contains.

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Color

**XYZ(58.3275, 51.6173,
101.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB2FF
RGB	202, 178, 255
RGB Percent	79%, 70%, 100%
CMY	0.2078, 0.3019, 0.0000
CMYK	0.21, 0.30, 0.00, 0.00
HSL	259°, 100%, 85%
HSV	259°, 30%, 100%
XYZ	58.3275, 51.6173, 101.4967
YIQ	193.9540, -10.4130, 29.0350

Conversions

Conversions Part 2

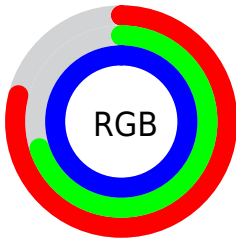
Format	Color
R _Y B	202, 178, 255
Decimal	13284095
CIE _{Lab}	77.05, 23.81, -34.94
CIE _{LCh}	77, 42.280, 304.276
Yxy	51.6173, 0.2759, 0.2441
Android (android.graphics.Color)	4291474175 (0xFFCAB2FF)
YUV	193.9540, 30.0957, 7.0563
Hunter-Lab	71.8452, 19.1861, -33.4682

Details

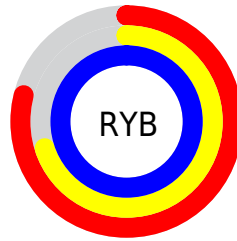
The XYZ color **58.3275, 51.6173, 101.4967** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.7517, 91.7236, 55.7808**, and the grayscale version is **51.0844, 53.7448, 58.5280**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **29.5593, 24.9475, 56.6835** is the 20% darker color. If you saturate the color by 10%, you get **49.2356, 40.0865, 99.7502**, and if you desaturate by 10%, it is **68.9058, 65.3166, 103.5834**.

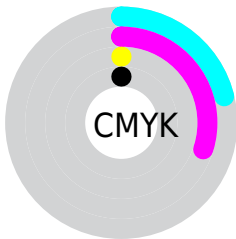
Distribution



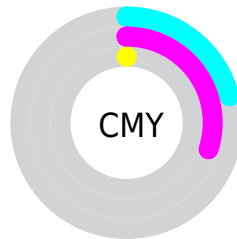
- Red (79%)
- Green (70%)
- Blue (100%)



- Red (79%)
- Yellow (70%)
- Blue (100%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3275, 51.6173, 101.4967 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 58.3275, 51.6173, 101.4967 by changing the saturation by 10% instead.

■ 58.3275, 51.6173,
101.4967

■ 58.3275, 51.6173,
101.4967

408.3394,
392.9574, 586.2683

■ 42.3163, 36.7001,
76.9272

■ 101.5198, 92.5666,
165.2823

■ 29.5412, 24.9754,
56.6820

129.4317,
119.3675, 205.3354

■ 19.6370, 16.0587,
40.3423

162.0411,
150.8984, 251.3869

■ 12.2381, 9.5657,
27.4897

199.7135,
187.5438, 303.8553

■ 6.9794, 5.1120,
17.7057

242.8141,
229.6880, 363.1591

■ 3.4955, 2.3131,
10.5716

291.7084,

■ 1.4209, 0.7806,

277.7154, 429.7168

5.6691

346.7617,
332.0104, 503.9470

■ 0.2710, 0.0000,
2.5794

■ 0.0000, 0.0000,
0.8818

■ 58.3275, 51.6173,
101.4967

■ 58.3275, 51.6173,
101.4967

■ 49.2356, 40.0865,
99.7502

■ 68.9058, 65.3166,
103.5834

■ 41.5549, 30.6043,
98.3248

■ 81.0311, 81.2837,
106.0263

■ 35.2106, 23.0478,
97.2006

94.7665, 99.6192,
108.8414

■ 30.1184, 17.2785,
96.3554

95.0500, 100.0000,
108.9000

■ 26.1834, 13.1383,
95.7637

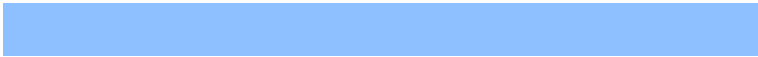
■ 23.2946, 10.4399,
95.3951

■ 21.3146, 8.9030,
95.2028

Harmonies

Analogous

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



50.2266, 51.6173, 113.1783



58.3275, 51.6173, 101.4967



64.4077, 51.6173, 77.7790

Triad

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



58.3275, 51.6173, 101.4967



56.1077, 51.6173, 24.9237



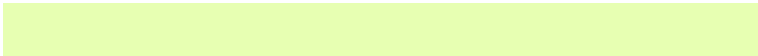
35.1581, 51.6173, 59.5809

Complementary

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



58.3275, 51.6173, 101.4967



76.7517, 91.7236, 55.7808

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.



36.3685, 51.6173, 39.0381



58.3275, 51.6173, 101.4967



47.9130, 51.6173, 22.5167

Square

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



58.3275, 51.6173, 101.4967



63.0307, 51.6173, 34.7084



40.8314, 51.6173, 26.9003



37.3243, 51.6173, 85.1247

Rectangle

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



58.3275, 51.6173, 101.4967



66.1744, 51.6173, 60.7519



40.8314, 51.6173, 26.9003



35.1855, 51.6173, 51.8860

Sweetspot

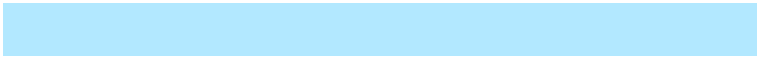
The Sweet Spot groups the original color and five complimentary colors.



58.3291, 51.6193, 101.4970



82.5860, 83.3475, 106.3427



65.2398, 74.3431, 105.5189



17.2721, 17.3027, 22.6794



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.



58.3291, 51.6193, 101.4970



52.8737, 44.6675, 100.4427



69.7710, 57.5178, 102.0325



17.5356, 17.6523, 22.7330



11.2716, 4.7212, 49.7518



1.2042, 0.5147, 4.8492

Inverse Universe

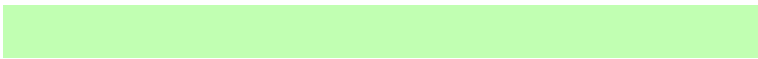
The Inverse Universe completely reimagines the original color for something new.



71.5852, 58.8720, 83.1926



68.1534, 53.0377, 78.8754



65.8915, 86.1250, 55.2725



18.5375, 18.1983, 21.4476



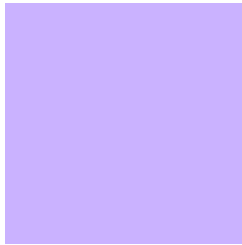
25.6890, 12.7649, 22.8106



2.5505, 1.2626, 2.4803

Previews

White Background



This preview shows how the XYZ color 58.3275, 51.6173, 101.4967 looks on a white background.

Color Contrast Check

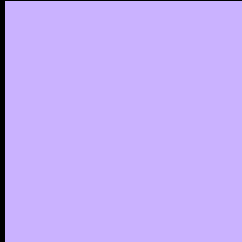
Large Text (above 18pt) WCAG AA × Fail

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 58.3275, 51.6173, 101.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

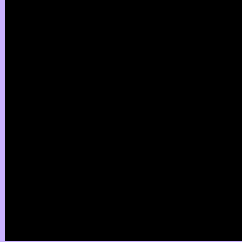
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3275, 51.6173, 101.4967

Background



This preview shows how black text looks on a background with the XYZ color 58.3275, 51.6173, 101.4967.



This preview shows how white text looks on a background with the XYZ color 58.3275, 51.6173,

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

58.3275, 51.6173, 101.4967

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.9555, 51.6312, 100.1033



Tritanopia

50.7550, 51.6157, 63.7877

Trichromacy



Original Color

58.3275, 51.6173, 101.4967

Protanomaly

54.4819, 51.4461, 101.6663

Deuteranomaly

54.7970, 51.6271, 100.8428

Tritanomaly

53.0903, 51.2907, 76.2092

Monochromacy



Original Color

58.3275, 51.6173, 101.4967

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4038, 52.7946, 72.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3275, 51.6173, 101.4967 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(202, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 178, 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(202, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.3275, 51.6173, 101.4967 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(202, 178, 255) }
```


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

```
.border{ border-color:rgb(202, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3275, 51.6173, 101.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 178, 255) }
```

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

```
.background{ background-color: rgb(202,  
178, 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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