

Converting Colors

XYZ(76.0054, 57.6490,
198.1157)

Have a look what the booklet for
XYZ(76.0054, 57.6490, 198.1157)
contains.

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Color

**XYZ(57.7371, 50.4365,
101.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAFFF
RGB	202, 175, 255
RGB Percent	79%, 69%, 100%
CMY	0.2078, 0.3137, 0.0000
CMYK	0.21, 0.31, 0.00, 0.00
HSL	260°, 100%, 84%
HSV	260°, 31%, 100%
XYZ	57.7371, 50.4365, 101.2999
YIQ	192.1930, -9.5880, 30.6040

Conversions

Conversions Part 2

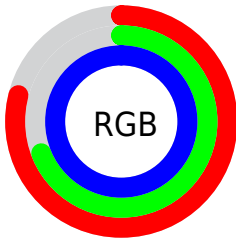
Format	Color
R_{YB}	202, 175, 255
Decimal	13283327
CIE _{Lab}	76.34, 25.45, -36.04
CIE _{LCh}	76, 44.126, 305.230
Yxy	50.4365, 0.2756, 0.2408
Android (android.graphics.Color)	4291473407 (0xFFCAAFFF)
YUV	192.1930, 30.9639, 8.6007
Hunter-Lab	71.0187, 20.8352, -34.8573

Details

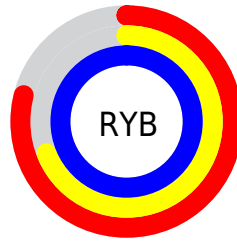
The XYZ color **57.7371, 50.4365, 101.2999** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.4936, 91.1095, 54.1665**, and the grayscale version is **50.0458, 52.6521, 57.3382**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **29.1852, 24.1993, 56.5588** is the 20% darker color. If you saturate the color by 10%, you get **48.9113, 39.2026, 99.5967**, and if you desaturate by 10%, it is **68.0035, 63.8064, 103.3394**.

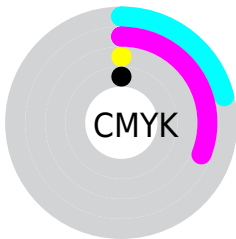
Distribution



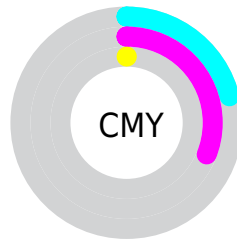
- Red (79%)
- Green (69%)
- Blue (100%)



- Red (79%)
- Yellow (69%)
- Blue (100%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7371, 50.4365, 101.2999 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 57.7371, 50.4365, 101.2999 by changing the saturation by 10% instead.

■ 57.7371, 50.4365,
101.2999

■ 57.7371, 50.4365,
101.2999

406.1753,
388.3705, 585.6345

■ 41.8398, 35.7604,
76.7637

■ 100.6651, 90.8213,
165.0098

■ 29.1664, 24.2492,
56.5485

128.4264,
117.2987, 205.0206

■ 19.3517, 15.5186,
40.2359

160.8732,
148.4787, 251.0266

■ 12.0302, 9.1841,
27.4074

198.3707,
184.7456, 303.4464

■ 6.8366, 4.8615,
17.6443

241.2843,
226.4838, 362.6986

■ 3.4055, 2.1662,
10.5281

289.9794,

■ 1.3717, 0.7015,

274.0778, 429.2016

5.6403

344.8212,
327.9119, 503.3741

■ 0.2359, 0.0000,
2.5624

■ 0.0000, 0.0000,
0.8730

■ 57.7371, 50.4365,
101.2999

■ 57.7371, 50.4365,
101.2999

■ 48.9113, 39.2026,
99.5967

■ 68.0035, 63.8064,
103.3394

■ 41.4525, 29.9848,
98.2106

■ 79.7699, 79.4119,
105.7314

■ 35.2873, 22.6601,
97.1217

■ 93.0979, 97.3531,
108.4920

■ 30.3327, 17.0892,
96.3076

■ 95.0500, 100.0000,
108.9000

■ 26.4949, 13.1126,
95.7423

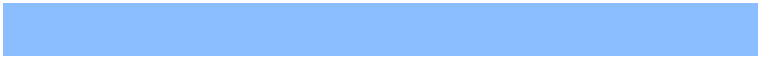
■ 23.6637, 10.5400,
95.3949

■ 21.8935, 9.2014,
95.2299

Harmonies

Analogous

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



49.4066, 50.4365, 114.0978



57.7371, 50.4365, 101.2999



63.9225, 50.4365, 76.3568

Triad

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



57.7371, 50.4365, 101.2999



54.9339, 50.4365, 23.0133



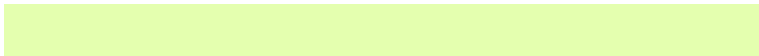
33.7486, 50.4365, 59.1855

Complementary

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



57.7371, 50.4365, 101.2999



75.4936, 91.1095, 54.1665

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.



34.8692, 50.4365, 37.9203



57.7371, 50.4365, 101.2999



46.4995, 50.4365, 20.8394

Square

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



57.7371, 50.4365, 101.2999



62.1778, 50.4365, 32.5620



39.3162, 50.4365, 25.4239



36.0580, 50.4365, 85.6953

Rectangle

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



57.7371, 50.4365, 101.2999



65.6481, 50.4365, 58.8021



39.3162, 50.4365, 25.4239



33.7398, 50.4365, 51.2065

Sweetspot

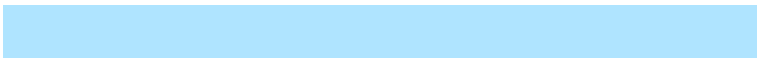
The Sweet Spot groups the original color and five complimentary colors.



57.7386, 50.4385, 101.3002



82.7865, 83.4509, 106.3521



63.5657, 72.0056, 105.1559



17.3213, 17.3281, 22.6817



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.



57.7386, 50.4385, 101.3002



51.7305, 42.7588, 100.1345



69.8846, 56.7000, 101.8686



17.5808, 17.6756, 22.7351



11.5816, 4.8810, 49.7663



1.2386, 0.5324, 4.8508

Inverse Universe

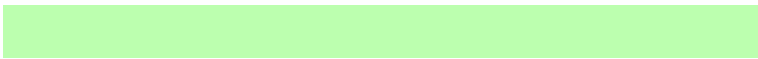
The Inverse Universe completely reimagines the original color for something new.



70.5745, 57.5230, 80.7831



66.7085, 51.0377, 75.6508



64.3204, 85.3495, 53.6436



18.5168, 18.1900, 21.3387



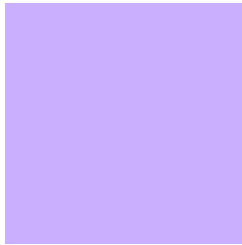
25.3602, 12.6334, 21.0791



2.5203, 1.2505, 2.3211

Previews

White Background



This preview shows how the XYZ color 57.7371, 50.4365, 101.2999 looks on a white background.

Color Contrast Check

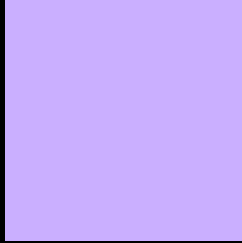
Large Text (above 18pt) WCAG AA × Fail

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 57.7371, 50.4365, 101.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

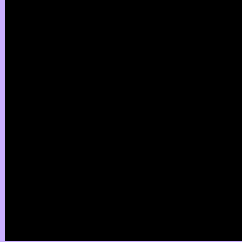
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7371, 50.4365, 101.2999

Background



This preview shows how black text looks on a background with the XYZ color 57.7371, 50.4365, 101.2999.



This preview shows how white text looks on a background with the XYZ color 57.7371, 50.4365,

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

57.7371, 50.4365, 101.2999

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

52.0831, 50.8676, 100.0019



Tritanopia

49.7225, 50.4944, 61.7693

Trichromacy



Original Color

57.7371, 50.4365, 101.2999

Protanomaly

53.6003, 50.3792, 101.5069

Deuteranomaly

53.9087, 50.5567, 100.6831

Tritanomaly

52.4112, 50.3590, 74.6680

Monochromacy



Original Color

57.7371, 50.4365, 101.2999

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5896, 51.7599, 71.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7371, 50.4365, 101.2999 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 175, 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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.7371, 50.4365, 101.2999 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, 175, 255) }
```


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

```
.border{ border-color:rgb(202, 175, 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, 175, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7371, 50.4365, 101.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 175, 255) }
```

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

```
.background{ background-color: rgb(202,  
175, 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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