

Converting Colors

XYZ(57.3462, 50.2612,
101.2867)

Have a look what the booklet for
XYZ(57.3462, 50.2612, 101.2867)
contains.

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Color

**XYZ(57.1994, 50.1593,
101.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AFFF
RGB	200, 175, 255
RGB Percent	78%, 69%, 100%
CMY	0.2157, 0.3137, 0.0000
CMYK	0.22, 0.31, 0.00, 0.00
HSL	259°, 100%, 84%
HSV	259°, 31%, 100%
XYZ	57.1994, 50.1593, 101.2747
YIQ	191.5950, -10.7800, 30.1800

Conversions

Conversions Part 2

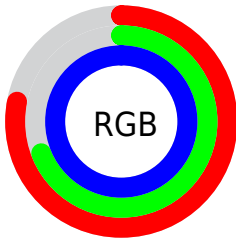
Format	Color
R _Y B	200, 175, 255
Decimal	13152255
CIE _{Lab}	76.17, 24.87, -36.32
CIE _{LCh}	76, 44.017, 304.398
Yxy	50.1593, 0.2742, 0.2404
Android (android.graphics.Color)	4291342335 (0xFFC8AFFF)
YUV	191.5950, 31.2587, 7.3712
Hunter-Lab	70.8232, 20.2224, -35.2063

Details

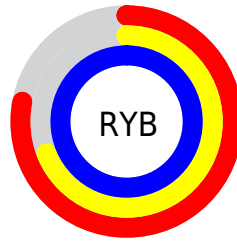
The XYZ color **57.1994, 50.1593, 101.2747** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.1317, 91.4385, 54.1963**, and the grayscale version is **49.6966, 52.2847, 56.9380**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.8296, 24.0160, 56.5422** is the 20% darker color. If you saturate the color by 10%, you get **48.2804, 38.8773, 99.5672**, and if you desaturate by 10%, it is **67.5955, 63.5961, 103.3203**.

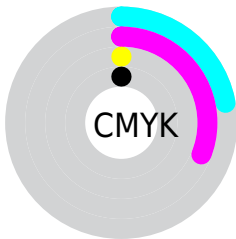
Distribution



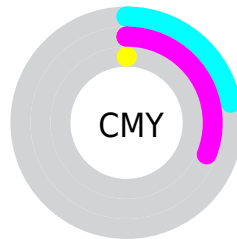
- Red (78%)
- Green (69%)
- Blue (100%)



- Red (78%)
- Yellow (69%)
- Blue (100%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1994, 50.1593, 101.2747 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 57.1994, 50.1593, 101.2747 by changing the saturation by 10% instead.

■ 57.1994, 50.1593,
101.2747

■ 57.1994, 50.1593,
101.2747

404.1982,
387.2886, 585.5533

■ 41.4061, 35.5400,
76.7427

■ 99.8858, 90.4109,
164.9749

■ 28.8256, 24.0791,
56.5314

127.5095,
116.8119, 204.9803

■ 19.0926, 15.3923,
40.2223

159.8075,
147.9090, 250.9805

■ 11.8416, 9.0952,
27.3968

197.1451,
184.0865, 303.3941

■ 6.7073, 4.8033,
17.6364

239.8876,
225.7288, 362.6396

■ 3.3244, 2.1323,
10.5225

288.4004,

■ 1.3276, 0.6827,

273.2203, 429.1357

5.6367

343.0488,
326.9454, 503.3007

■ 0.2037, 0.0000,
2.5602

■ 0.0000, 0.0000,
0.8718

■ 57.1994, 50.1593,
101.2747

■ 57.1994, 50.1593,
101.2747

■ 48.2804, 38.8773,
99.5672

■ 67.5955, 63.5961,
103.3203

■ 40.7628, 29.6293,
98.1783

■ 79.5300, 79.2882,
105.7202

■ 34.5712, 22.2909,
97.0882

■ 93.0661, 97.3367,
108.4905

■ 29.6200, 16.7218,
96.2742

■ 95.0500, 100.0000,
108.9000

■ 25.8131, 12.7611,
95.7104

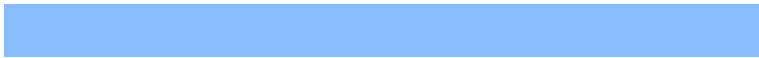
■ 23.0372, 10.2170,
95.3656

■ 21.3320, 8.9119,
95.2036

Harmonies

Analogous

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



48.9003, 50.1593, 113.5137



57.1994, 50.1593, 101.2747



63.4414, 50.1593, 76.6678

Triad

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



57.1994, 50.1593, 101.2747



54.8559, 50.1593, 23.0592



33.5558, 50.1593, 58.1693

Complementary

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



57.1994, 50.1593, 101.2747



76.1317, 91.4385, 54.1963

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.



34.7643, 50.1593, 37.2570



57.1994, 50.1593, 101.2747



46.4701, 50.1593, 20.7110

Square

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



57.1994, 50.1593, 101.2747



61.9827, 50.1593, 32.7787



39.2711, 50.1593, 25.0736



35.7580, 50.1593, 84.4754

Rectangle

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



57.1994, 50.1593, 101.2747



65.2492, 50.1593, 59.1665



39.2711, 50.1593, 25.0736



33.5788, 50.1593, 50.3030

Sweetspot

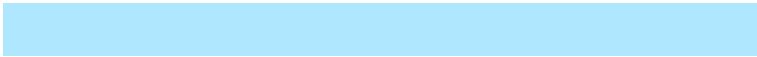
The Sweet Spot groups the original color and five complimentary colors.



57.2009, 50.1613, 101.2750



82.5923, 83.3508, 106.3430



64.3063, 73.4869, 105.4028



17.2736, 17.3035, 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.



57.2009, 50.1613, 101.2750



51.1271, 42.4477, 100.1063



68.9776, 56.2324, 101.8262



17.5371, 17.6531, 22.7330



11.2809, 4.7260, 49.7522



1.2052, 0.5152, 4.8492

Inverse Universe

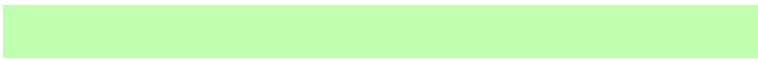
The Inverse Universe completely reimagines the original color for something new.



70.8538, 57.6347, 82.2539



67.0362, 51.1687, 77.3764



64.9849, 85.6921, 53.6747



18.5368, 18.1980, 21.4441



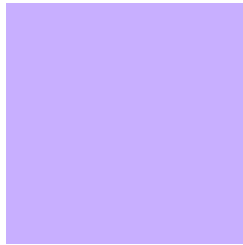
25.6784, 12.7607, 22.7547



2.5495, 1.2622, 2.4752

Previews

White Background



This preview shows how the XYZ color 57.1994, 50.1593, 101.2747 looks on a white background.

Color Contrast Check

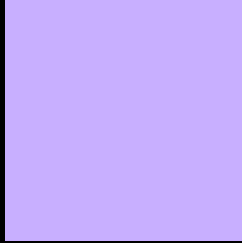
Large Text (above 18pt) WCAG AA × Fail

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 57.1994, 50.1593, 101.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

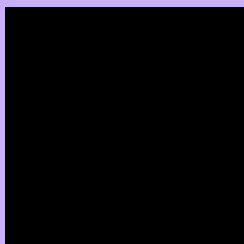
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1994, 50.1593, 101.2747

Background



This preview shows how black text looks on a background with the XYZ color 57.1994, 50.1593, 101.2747.



This preview shows how white text looks on a background with the XYZ color 57.1994, 50.1593,

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

57.1994, 50.1593, 101.2747

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.6561, 50.3358, 99.9217



Tritanopia

49.2194, 50.2351, 61.7458

Trichromacy



Original Color

57.1994, 50.1593, 101.2747

Protanomaly

53.3684, 50.2596, 101.4960

Deuteranomaly

53.4693, 50.0273, 100.6040

Tritanomaly

51.8944, 50.0925, 74.6438

Monochromacy



Original Color

57.1994, 50.1593, 101.2747

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3303, 51.6262, 71.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1994, 50.1593, 101.2747 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(200, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1994, 50.1593, 101.2747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

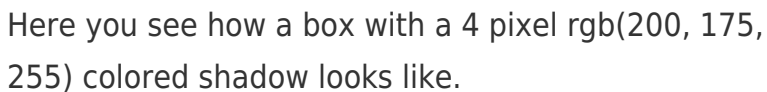
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 175, 255) }
```


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

```
.border{ border-color:rgb(200, 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(200, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1994, 50.1593, 101.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 255) }
```

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

```
.background{ background-color: rgb(200,  
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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