

Converting Colors

XYZ(61.1269, 50.1176,
117.3680)

Have a look what the booklet for
XYZ(61.1269, 50.1176, 117.3680)
contains.

XYZ(57.9701, 48.8613, 100.9836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9701, 48.8613,
100.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9FF
RGB	207, 169, 255
RGB Percent	81%, 66%, 100%
CMY	0.1882, 0.3372, 0.0000
CMYK	0.19, 0.34, 0.00, 0.00
HSL	267°, 100%, 83%
HSV	267°, 34%, 100%
XYZ	57.9701, 48.8613, 100.9836
YIQ	190.1660, -4.9580, 34.8020

Conversions

Conversions Part 2

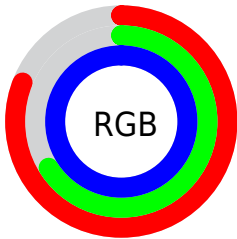
Format	Color
R_{YB}	207, 169, 255
Decimal	13609471
CIE _{Lab}	75.36, 30.21, -37.52
CIE _{LCh}	75, 48.168, 308.844
Yxy	48.8613, 0.2790, 0.2351
Android (android.graphics.Color)	4291799551 (0xFFCFA9FF)
YUV	190.1660, 31.9632, 14.7634
Hunter-Lab	69.9009, 25.7069, -36.7238

Details

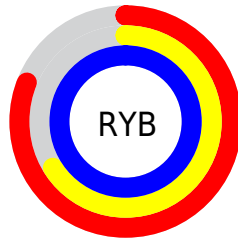
The XYZ color **57.9701, 48.8613, 100.9836** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.5375, 89.1366, 50.9728**, and the grayscale version is **48.8642, 51.4089, 55.9843**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **29.2009, 23.1473, 56.3549** is the 20% darker color. If you saturate the color by 10%, you get **49.8821, 38.3239, 99.3759**, and if you desaturate by 10%, it is **67.3446, 61.4374, 102.9169**.

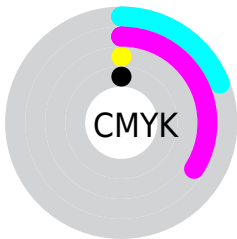
Distribution



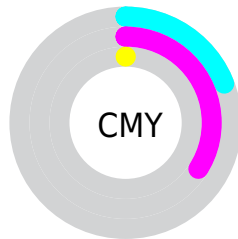
- Red (81%)
- Green (66%)
- Blue (100%)



- Red (81%)
- Yellow (66%)
- Blue (100%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9701, 48.8613, 100.9836 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 57.9701, 48.8613, 100.9836 by changing the saturation by 10% instead.


 57.9701, 48.8613,
100.9836

 57.9701, 48.8613,
100.9836


407.0302,
382.1960, 584.6152

 42.0278, 34.5095,
76.5008


 101.0025, 88.4854,
164.5719

 29.3142, 23.2853,
56.3341

 128.8234,
114.5265, 204.5144

 19.4641, 14.8043,
40.0651


161.3344,
145.2328, 250.4472

 12.1121, 8.6821,
27.2751

198.9010,
180.9887, 302.7890

 6.8928, 4.5344,
17.5457

241.8885,
222.1785, 361.9581

 3.4409, 1.9768,
10.4583

290.6623,

 1.3910, 0.5939,

269.1868, 428.3731

5.5943

345.5877,
322.3978, 502.4526

■ 0.2498, 0.0000,
2.5352

■ 0.0000, 0.0000,
0.8587

■ 57.9701, 48.8613,
100.9836

■ 57.9701, 48.8613,
100.9836

■ 49.8821, 38.3239,
99.3759

■ 67.3446, 61.4374,
102.9169

■ 43.0127, 29.7065,
98.0747

■ 78.0598, 76.1504,
105.1920

■ 37.2939, 22.8870,
97.0598

■ 90.1720, 93.0988,
107.8250

■ 32.6485, 17.7258,
96.3084

95.0500, 100.0000,
108.9000

■ 28.9880, 14.0619,
95.7941

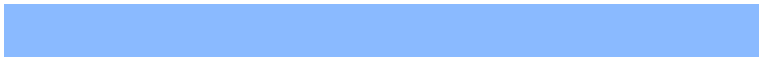
■ 26.2060, 11.6997,
95.4848

■ 24.8184, 10.7092,
95.3668

Harmonies

Analogous

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



49.1107, 48.8613, 117.4624



57.9701, 48.8613, 100.9836



64.2151, 48.8613, 72.8304

Triad

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



57.9701, 48.8613, 100.9836



52.8668, 48.8613, 19.4329



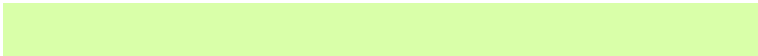
31.5561, 48.8613, 61.0633

Complementary

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



57.9701, 48.8613, 100.9836



71.5375, 89.1366, 50.9728

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.



32.2928, 48.8613, 37.4604



57.9701, 48.8613, 100.9836



43.8702, 48.8613, 18.0812

Square

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



57.9701, 48.8613, 100.9836



61.0180, 48.8613, 28.0871



36.5521, 48.8613, 23.5247



34.3931, 48.8613, 90.0571

Rectangle

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



57.9701, 48.8613, 100.9836



65.6468, 48.8613, 54.1922



36.5521, 48.8613, 23.5247



31.4024, 48.8613, 52.2232

Sweetspot

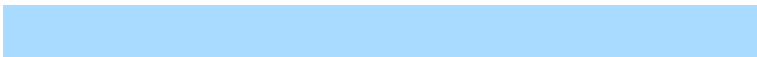
The Sweet Spot groups the original color and five complimentary colors.



57.9716, 48.8632, 100.9839



82.4042, 82.1956, 106.1299



59.4158, 65.6610, 104.1500



17.2820, 17.0971, 22.6391



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.



57.9716, 48.8632, 100.9839



52.7485, 42.0178, 99.9378



71.4009, 55.7863, 101.6123



17.7648, 17.7705, 22.7437



13.1332, 5.6809, 49.8389



1.4018, 0.6166, 4.8584

Inverse Universe

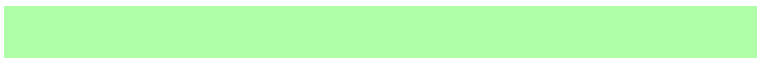
The Inverse Universe completely reimagines the original color for something new.



67.9533, 54.6473, 72.6130



64.2553, 48.6921, 66.9387



60.5420, 83.4683, 50.4582



18.4339, 18.1569, 20.9020



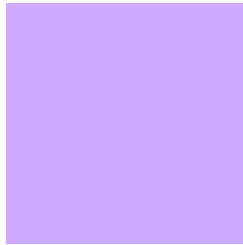
24.1891, 12.1649, 14.9123



2.4102, 1.2065, 1.7416

Previews

White Background



This preview shows how the XYZ color 57.9701, 48.8613, 100.9836 looks on a white background.

Color Contrast Check

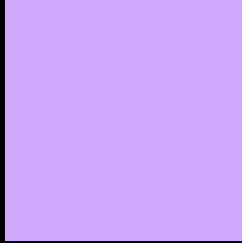
Large Text (above 18pt) WCAG AA × Fail

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 57.9701, 48.8613, 100.9836 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 57.9701, 48.8613, 100.9836

Background



This preview shows how black text looks on a background with the XYZ color 57.9701, 48.8613, 100.9836.

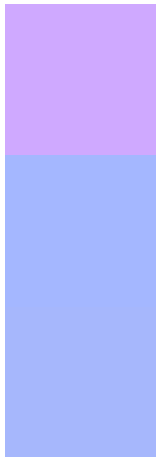


This preview shows how white text looks on a background with the XYZ color 57.9701, 48.8613,

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

57.9701, 48.8613, 100.9836

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.2301, 49.0022, 98.9064



Tritanopia

49.4002, 48.8582, 58.4567

Trichromacy



Original Color

57.9701, 48.8613, 100.9836



Protanomaly

52.7928, 48.7641, 101.2377



Deuteranomaly

52.7061, 48.7564, 99.5615

Tritanomaly

52.3339, 48.8715, 72.3205

Monochromacy



Original Color

57.9701, 48.8613, 100.9836



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.6305, 50.0467, 70.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9701, 48.8613, 100.9836 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(207, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 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(207, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9701, 48.8613, 100.9836 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(207, 169, 255) }
```


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

```
.border{ border-color:rgb(207, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9701, 48.8613, 100.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 255) }
```

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

```
.background{ background-color: rgb(207,  
169, 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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