

Converting Colors

XYZ(58.4008, 48.3003,
102.5981)

Have a look what the booklet for
XYZ(58.4008, 48.3003, 102.5981)
contains.

XYZ(57.9807, 48.0477, 100.8260)	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(57.9807, 48.0477,
100.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A6FF
RGB	209, 166, 255
RGB Percent	82%, 65%, 100%
CMY	0.1804, 0.3490, 0.0000
CMYK	0.18, 0.35, 0.00, 0.00
HSL	269°, 100%, 83%
HSV	269°, 35%, 100%
XYZ	57.9807, 48.0477, 100.8260
YIQ	189.0030, -2.9410, 36.7950

Conversions

Conversions Part 2

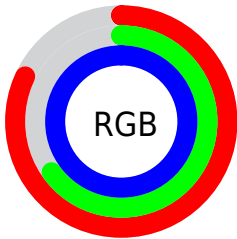
Format	Color
R_{YB}	209, 166, 255
Decimal	13739775
CIE _{Lab}	74.86, 32.43, -38.29
CIE _{LCh}	75, 50.184, 310.265
Yxy	48.0477, 0.2803, 0.2323
Android (android.graphics.Color)	4291929855 (0xFFD1A6FF)
YUV	189.0030, 32.5365, 17.5374
Hunter-Lab	69.3164, 28.0050, -37.7203

Details

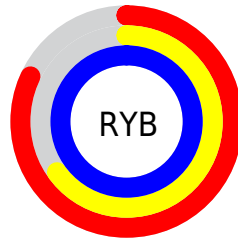
The XYZ color **57.9807, 48.0477, 100.8260** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.7951, 88.2706, 49.4377**, and the grayscale version is **48.1939, 50.7038, 55.2164**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **29.3472, 22.8841, 56.2964** is the 20% darker color. If you saturate the color by 10%, you get **50.2208, 37.8359, 99.2639**, and if you desaturate by 10%, it is **66.9710, 60.2602, 102.7094**.

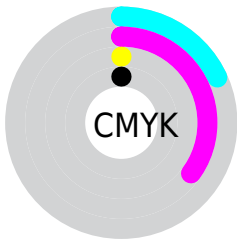
Distribution



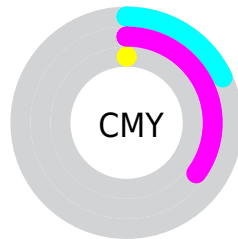
- Red (82%)
- Green (65%)
- Blue (100%)



- Red (82%)
- Yellow (65%)
- Blue (100%)



- Cyan (18%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9807, 48.0477, 100.8260 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 57.9807, 48.0477, 100.8260 by changing the saturation by 10% instead.


 57.9807, 48.0477,
100.8260

 57.9807, 48.0477,
100.8260


407.0690,
378.9812, 584.1070

 42.0363, 33.8647,
76.3698


 101.0179, 87.2754,
164.3536

 29.3210, 22.7896,
56.2273


 128.8414,
113.0889, 204.2621

 19.4693, 14.4383,
39.9800

161.3554,
143.5480, 250.1584

 12.1159, 8.4261,
27.2093

198.9251,
179.0370, 302.4612

 6.8954, 4.3688,
17.4966

241.9160,
219.9405, 361.5889

 3.4425, 1.8819,
10.4235

290.6934,

 1.3919, 0.5375,

266.6427, 427.9600

5.5714

345.6226,
319.5282, 501.9932

■ 0.2504, 0.0000,
2.5217

■ 0.0000, 0.0000,
0.8516

■ 57.9807, 48.0477,
100.8260

■ 57.9807, 48.0477,
100.8260

■ 50.2208, 37.8359,
99.2639

■ 66.9710, 60.2602,
102.7094

■ 43.6249, 29.5060,
98.0037

■ 77.2445, 74.5716,
104.9303

■ 38.1263, 22.9353,
97.0252

■ 88.8560, 91.0803,
107.5048

■ 33.6490, 17.9835,
96.3054

95.0500, 100.0000,
108.9000

■ 30.1051, 14.4877,
95.8174

■ 27.3884, 12.2478,
95.5283

■ 26.2476, 11.4460,
95.4336

Harmonies

Analogous

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



48.8684, 48.0477, 119.0262



57.9807, 48.0477, 100.8260



64.2664, 48.0477, 71.1968

Triad

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



57.9807, 48.0477, 100.8260



51.8564, 48.0477, 17.8257



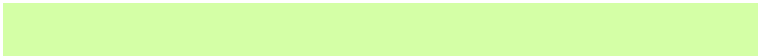
30.4793, 48.0477, 61.7969

Complementary

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



57.9807, 48.0477, 100.8260



69.7951, 88.2706, 49.4377

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.



31.0558, 48.0477, 37.1081



57.9807, 48.0477, 100.8260



42.6103, 48.0477, 16.7980

Square

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



57.9807, 48.0477, 100.8260



60.4172, 48.0477, 26.0830



35.2347, 48.0477, 22.5637



33.5385, 48.0477, 92.0061

Rectangle

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



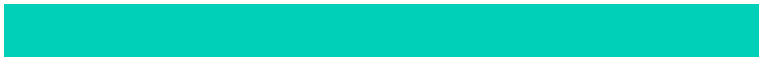
57.9807, 48.0477, 100.8260



65.5699, 48.0477, 52.0836



35.2347, 48.0477, 22.5637



30.2654, 48.0477, 52.5486

Sweetspot

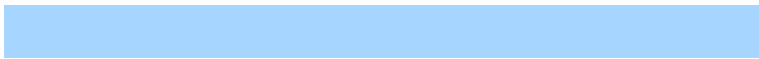
The Sweet Spot groups the original color and five complimentary colors.



57.9822, 48.0496, 100.8262



82.7642, 82.3812, 106.1468



57.6890, 63.1520, 103.7568



17.3690, 17.1419, 22.6432



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.



57.9822, 48.0496, 100.8262



52.3491, 40.5991, 99.6850



71.8440, 55.1956, 101.4750



17.8383, 17.8084, 22.7471



13.8855, 6.0687, 49.8741



1.4774, 0.6556, 4.8619

Inverse Universe

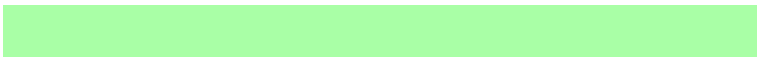
The Inverse Universe completely reimagines the original color for something new.



66.7608, 53.2874, 69.0551



62.6241, 46.7324, 62.3786



58.9992, 82.7051, 48.9324



18.4014, 18.1439, 20.7309



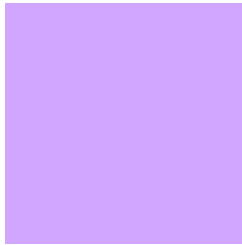
23.7936, 12.0067, 12.8296



2.3719, 1.1911, 1.5400

Previews

White Background



This preview shows how the XYZ color 57.9807, 48.0477, 100.8260 looks on a white background.

Color Contrast Check

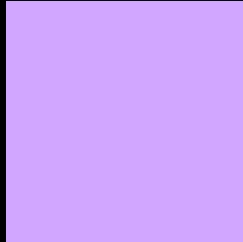
Large Text (above 18pt) WCAG AA × Fail

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 57.9807, 48.0477, 100.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

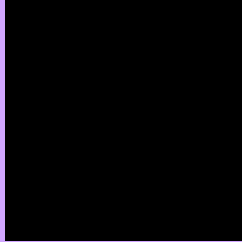
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9807, 48.0477, 100.8260

Background



This preview shows how black text looks on a background with the XYZ color 57.9807, 48.0477, 100.8260.



This preview shows how white text looks on a background with the XYZ color 57.9807, 48.0477,

100.8260.

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

57.9807, 48.0477, 100.8260

Protanopia

49.6782, 48.3573, 101.3233

Deuteranopia

49.6085, 48.3767, 98.8184



Tritanopia

49.2989, 48.2326, 57.1636

Trichromacy



Original Color

57.9807, 48.0477, 100.8260



Protanomaly

52.1657, 47.8544, 101.0951



Deuteranomaly

52.0773, 47.8458, 99.4189

Tritanomaly

52.1593, 47.9265, 71.4674

Monochromacy



Original Color

57.9807, 48.0477, 100.8260



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.2991, 49.5876, 69.8184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9807, 48.0477, 100.8260 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(209, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 166, 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(209, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9807, 48.0477, 100.8260 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(209, 166, 255) }
```


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

```
.border{ border-color:rgb(209, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9807, 48.0477, 100.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 166, 255) }
```

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

```
.background{ background-color: rgb(209,  
166, 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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