

Converting Colors

XYZ(61.5285, 49.4625,
113.2444)

Have a look what the booklet for
XYZ(61.5285, 49.4625, 113.2444)
contains.

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Color

**XYZ(59.2367, 48.4264,
100.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A5FF
RGB	214, 165, 255
RGB Percent	84%, 65%, 100%
CMY	0.1608, 0.3529, 0.0000
CMYK	0.16, 0.35, 0.00, 0.00
HSL	273°, 100%, 82%
HSV	273°, 35%, 100%
XYZ	59.2367, 48.4264, 100.8329
YIQ	189.9110, 0.3140, 38.3780

Conversions

Conversions Part 2

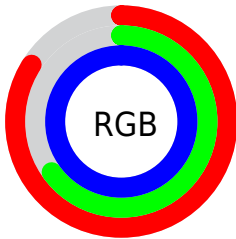
Format	Color
R_{YB}	214, 165, 255
Decimal	14067199
CIE _{Lab}	75.09, 34.45, -37.89
CIE _{LCh}	75, 51.207, 312.278
Yxy	48.4264, 0.2841, 0.2323
Android (android.graphics.Color)	4292257279 (0xFFD6A5FF)
YUV	189.9110, 32.0889, 21.1261
Hunter-Lab	69.5891, 30.1647, -37.1974

Details

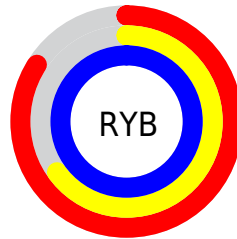
The XYZ color **59.2367, 48.4264, 100.8329** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.0060, 87.3588, 48.8770**, and the grayscale version is **48.7148, 51.2518, 55.8132**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **30.0878, 22.9347, 56.2671** is the 20% darker color. If you saturate the color by 10%, you get **51.8175, 38.4421, 99.2967**, and if you desaturate by 10%, it is **67.8176, 60.3730, 102.6865**.

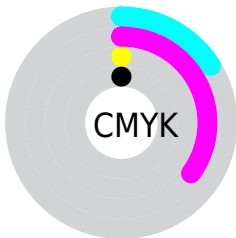
Distribution



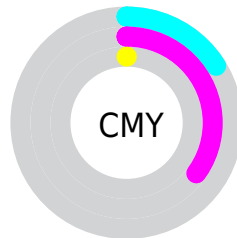
- Red (84%)
- Green (65%)
- Blue (100%)



- Red (84%)
- Yellow (65%)
- Blue (100%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2367, 48.4264, 100.8329 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 59.2367, 48.4264, 100.8329 by changing the saturation by 10% instead.


 59.2367, 48.4264,
100.8329


 59.2367, 48.4264,
100.8329


411.6585,
380.4798, 584.1292

 43.0508, 34.1647,
76.3756

 102.8343, 87.8389,
164.3632

 30.1197, 23.0201,
56.2320


 130.9766,
113.7585, 204.2731

 20.0780, 14.6084,
39.9837


163.8352,
144.3329, 250.1711

 12.5603, 8.5450,
27.2122

201.7753,
179.9464, 302.4756

 7.2014, 4.4456,
17.4988

245.1624,
220.9835, 361.6050

 3.6358, 1.9258,
10.4250

294.3617,

 1.4982, 0.5638,

267.8284, 427.9781

5.5724

349.7386,
320.8658, 502.0133

■ 0.3246, 0.0000,
2.5223

■ 0.0000, 0.0000,
0.8519

■ 59.2367, 48.4264,
100.8329

■ 59.2367, 48.4264,
100.8329

■ 51.8175, 38.4421,
99.2967

■ 67.8176, 60.3730,
102.6865

■ 45.4957, 30.3021,
98.0587

■ 77.6107, 74.3790,
104.8738

■ 40.2071, 23.8845,
97.0988

■ 88.6690, 90.5421,
107.4108

■ 35.8777, 19.0495,
96.3937

95.0500, 100.0000,
108.9000

■ 32.4222, 15.6347,
95.9167

■ 29.7362, 13.4397,
95.6346

■ 28.6699, 12.6948,
95.5470

Harmonies

Analogous

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



49.9648, 48.4264, 120.8830



59.2367, 48.4264, 100.8329



65.4009, 48.4264, 70.0366

Triad

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



59.2367, 48.4264, 100.8329



51.7299, 48.4264, 17.2788



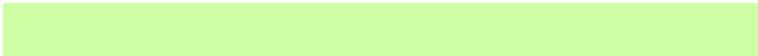
30.5785, 48.4264, 64.4742

Complementary

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



59.2367, 48.4264, 100.8329



68.0060, 87.3588, 48.8770

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.



30.9167, 48.4264, 38.5357



59.2367, 48.4264, 100.8329



42.3034, 48.4264, 16.6832

Square

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



59.2367, 48.4264, 100.8329



60.6790, 48.4264, 25.0859



34.9448, 48.4264, 23.0339



33.9481, 48.4264, 95.5908

Rectangle

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



59.2367, 48.4264, 100.8329



66.4687, 48.4264, 50.7042



34.9448, 48.4264, 23.0339



30.2767, 48.4264, 54.8052

Sweetspot

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



59.2382, 48.4283, 100.8332



82.1996, 81.0473, 105.9191



55.8813, 59.8465, 103.2140



17.2784, 16.8873, 22.5989



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.



59.2382, 48.4283, 100.8332



54.1364, 41.5204, 99.7687



72.2666, 55.2001, 98.9414



17.9482, 17.8650, 22.7523



15.1551, 6.7232, 49.9335



1.6016, 0.7196, 4.8677

Inverse Universe

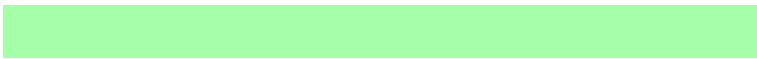
The Inverse Universe completely reimagines the original color for something new.



65.8367, 52.6281, 65.0819



61.8567, 46.4254, 58.3377



58.3462, 82.3471, 49.8672



18.3535, 18.1247, 20.4785



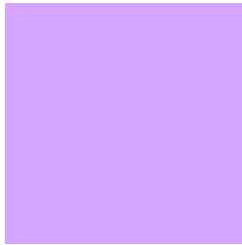
23.2742, 11.7990, 10.0941



2.3204, 1.1705, 1.2687

Previews

White Background



This preview shows how the XYZ color 59.2367, 48.4264, 100.8329 looks on a white background.

Color Contrast Check

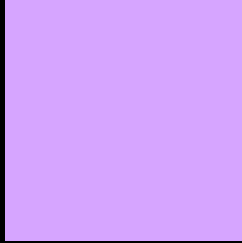
Large Text (above 18pt) WCAG AA × Fail

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 59.2367, 48.4264, 100.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

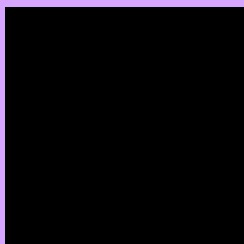
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2367, 48.4264, 100.8329

Background



This preview shows how black text looks on a background with the XYZ color 59.2367, 48.4264, 100.8329.



This preview shows how white text looks on a background with the XYZ color 59.2367, 48.4264,

100.8329.

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

59.2367, 48.4264, 100.8329

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

50.0212, 48.8946, 98.8967



Tritanopia

50.3367, 48.4839, 56.5745

Trichromacy



Original Color

59.2367, 48.4264, 100.8329



Protanomaly

52.8667, 48.2158, 101.1279



Deuteranomaly

52.7834, 48.2098, 99.4519

Tritanomaly

53.2217, 48.2033, 70.7891

Monochromacy



Original Color

59.2367, 48.4264, 100.8329



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2147, 50.0449, 70.5260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2367, 48.4264, 100.8329 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(214, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 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(214, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.2367, 48.4264, 100.8329 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(214, 165, 255) }
```


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

```
.border{ border-color:rgb(214, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2367, 48.4264, 100.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 255) }
```

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

```
.background{ background-color: rgb(214,  
165, 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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