

Converting Colors

XYZ(60.4524, 49.3149,
100.9403)

Have a look what the booklet for
XYZ(60.4524, 49.3149, 100.9403)
contains.

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Color

**XYZ(60.5997, 49.3979,
100.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA6FF
RGB	218, 166, 255
RGB Percent	85%, 65%, 100%
CMY	0.1451, 0.3490, 0.0000
CMYK	0.15, 0.35, 0.00, 0.00
HSL	275°, 100%, 83%
HSV	275°, 35%, 100%
XYZ	60.5997, 49.3979, 100.9485
YIQ	191.6940, 2.4230, 38.7030

Conversions

Conversions Part 2

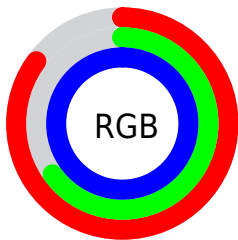
Format	Color
R _{YB}	218, 166, 255
Decimal	14329599
CIE _{Lab}	75.70, 35.09, -36.92
CIE _{LCh}	76, 50.935, 313.547
Yxy	49.3979, 0.2873, 0.2342
Android (android.graphics.Color)	4292519679 (0xFFDAA6FF)
YUV	191.6940, 31.2099, 23.0704
Hunter-Lab	70.2836, 30.9092, -35.9598

Details

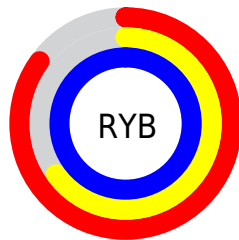
The XYZ color **60.5997, 49.3979, 100.9485** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2725, 86.9701, 49.3198**, and the grayscale version is **49.7490, 52.3398, 56.9981**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.9985, 23.5689, 56.3415** is the 20% darker color. If you saturate the color by 10%, you get **53.3465, 39.4473, 99.4102**, and if you desaturate by 10%, it is **68.9777, 61.2949, 102.8033**.

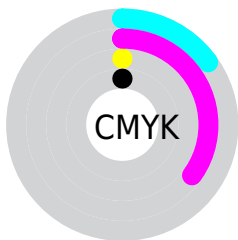
Distribution



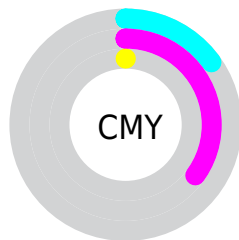
- Red (85%)
- Green (65%)
- Blue (100%)



- Red (85%)
- Yellow (65%)
- Blue (100%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5997, 49.3979, 100.9485 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 60.5997, 49.3979, 100.9485 by changing the saturation by 10% instead.

 60.5997, 49.3979,
100.9485


 60.5997, 49.3979,
100.9485


416.6041,
384.3067, 584.5020

 44.1535, 34.9352,
76.4716

 104.8005, 89.2821,
164.5233

 30.9896, 23.6130,
56.3103


 133.2859,
115.4725, 204.4582

 20.7427, 15.0468,
40.0461


166.5149,
146.3408, 250.3829

 13.0475, 8.8522,
27.2605

204.8531,
182.2716, 302.7160

 7.5385, 4.6449,
17.5348

248.6658,
223.6492, 361.8759

 3.8504, 2.0405,
10.4505

298.3183,

 1.6178, 0.6308,

270.8580, 428.2811

5.5892

354.1759,
324.2823, 502.3503

■ 0.4040, 0.0000,
2.5322

■ 0.0000, 0.0000,
0.8572

■ 60.5997, 49.3979,
100.9485

■ 60.5997, 49.3979,
100.9485

■ 53.3465, 39.4473,
99.4102

■ 68.9777, 61.2949,
102.8033

■ 47.1550, 31.3259,
98.1689

■ 78.5297, 75.2344,
104.9905

■ 41.9628, 24.9131,
97.2048

■ 89.3071, 91.3131,
107.5259

■ 37.6975, 20.0707,
96.4949

95.0500, 100.0000,
108.9000

■ 34.2760, 16.6378,
96.0126

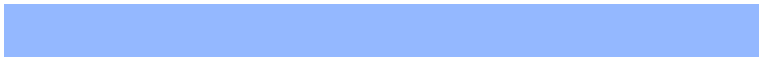
■ 31.5961, 14.4170,
95.7252

■ 30.4427, 13.6087,
95.6300

Harmonies

Analogous

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



51.3326, 49.3979, 121.8057



60.5997, 49.3979, 100.9485



66.5995, 49.3979, 69.8942

Triad

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



60.5997, 49.3979, 100.9485



52.2823, 49.3979, 17.7479



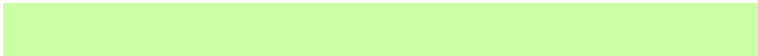
31.4232, 49.3979, 66.9045

Complementary

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



60.5997, 49.3979, 100.9485



67.2725, 86.9701, 49.3198

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.



31.6059, 49.3979, 40.3647



60.5997, 49.3979, 100.9485



42.8265, 49.3979, 17.4240

Square

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



60.5997, 49.3979, 100.9485



61.3748, 49.3979, 25.3326



35.5233, 49.3979, 24.2205



34.9854, 49.3979, 98.1377

Rectangle

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



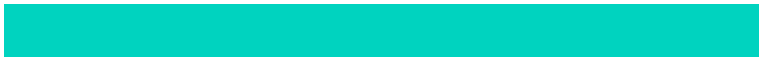
60.5997, 49.3979, 100.9485



67.4981, 49.3979, 50.6338



35.5233, 49.3979, 24.2205



31.0648, 49.3979, 57.0662

Sweetspot

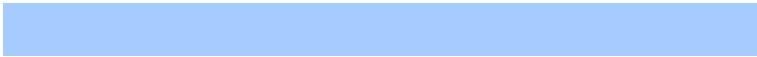
The Sweet Spot groups the original color and five complimentary colors.



60.6012, 49.3999, 100.9488



83.6547, 82.8403, 106.1884



55.1531, 58.0800, 102.9114



17.5844, 17.2529, 22.6533



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.



60.6012, 49.3999, 100.9488



55.3383, 42.1401, 99.8249



71.7558, 55.2856, 95.3579



18.0200, 17.9021, 22.7556



16.0809, 7.2005, 49.9769



1.6902, 0.7652, 4.8719

Inverse Universe

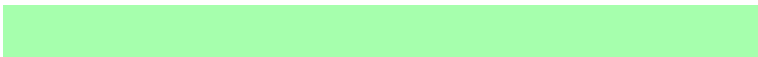
The Inverse Universe completely reimagines the original color for something new.



65.6568, 52.8460, 63.2410



61.3757, 46.2330, 55.8048



59.0705, 82.6609, 52.5908



18.3225, 18.1123, 20.3157



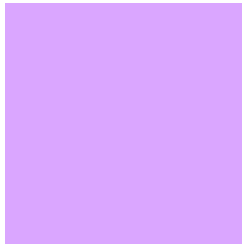
22.9786, 11.6807, 8.5378



2.2902, 1.1585, 1.1099

Previews

White Background



This preview shows how the XYZ color 60.5997, 49.3979, 100.9485 looks on a white background.

Color Contrast Check

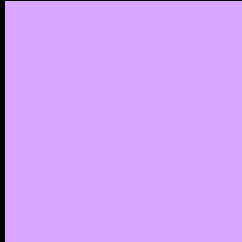
Large Text (above 18pt) WCAG AA × Fail

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 60.5997, 49.3979, 100.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

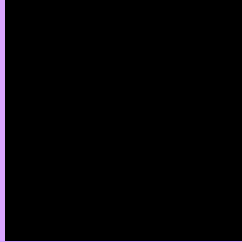
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5997, 49.3979, 100.9485

Background



This preview shows how black text looks on a background with the XYZ color 60.5997, 49.3979, 100.9485.



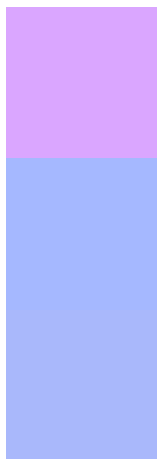
This preview shows how white text looks on a background with the XYZ color 60.5997, 49.3979,

100.9485.

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

60.5997, 49.3979, 100.9485

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.9153, 49.6810, 98.1727



Tritanopia

51.7582, 49.5004, 57.2787

Trichromacy



Original Color

60.5997, 49.3979, 100.9485



Protanomaly

53.5393, 48.8546, 101.2158



Deuteranomaly

53.7863, 49.0374, 98.7258



Tritanomaly

54.6821, 49.2270, 71.5855

Monochromacy



Original Color

60.5997, 49.3979, 100.9485



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.2866, 51.1908, 71.3623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5997, 49.3979, 100.9485 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(218, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5997, 49.3979, 100.9485 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(218, 166, 255) }
```


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

```
.border{ border-color:rgb(218, 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(218, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5997, 49.3979, 100.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 166, 255) }
```

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

```
.background{ background-color: rgb(218,  
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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