

Converting Colors

XYZ(60.5367, 49.3451, 98.8037)

Have a look what the booklet for
XYZ(60.5367, 49.3451, 98.8037)
contains.

XYZ(60.4203, 49.3608, 98.4385)	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(60.4203, 49.3608,
98.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA6FC
RGB	219, 166, 252
RGB Percent	86%, 65%, 99%
CMY	0.1412, 0.3490, 0.0118
CMYK	0.13, 0.34, 0.00, 0.01
HSL	277°, 93%, 82%
HSV	277°, 34%, 99%
XYZ	60.4203, 49.3608, 98.4385
YIQ	191.6510, 3.9820, 37.9820

Conversions

Conversions Part 2

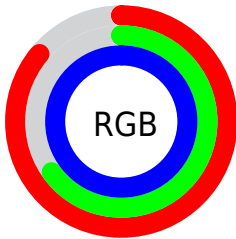
Format	Color
R _Y B	219, 166, 252
Decimal	14395132
CIE Lab	75.68, 34.77, -35.33
CIE LCh	76, 49.565, 314.540
Yxy	49.3608, 0.2902, 0.2371
Android (android.graphics.Color)	4292585212 (0xFFDBA6FC)
YUV	191.6510, 29.7521, 23.9851
Hunter-Lab	70.2572, 30.5575, -33.8921

Details

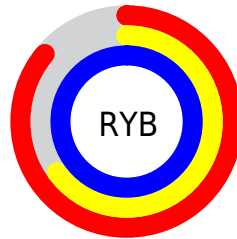
The XYZ color **60.4203, 49.3608, 98.4385** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.2481, 84.5173, 48.9531**, and the grayscale version is **49.7316, 52.3215, 56.9781**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.8597, 23.5369, 54.5464** is the 20% darker color. If you saturate the color by 10%, you get **53.4555, 39.6243, 96.9270**, and if you desaturate by 10%, it is **68.4548, 60.9834, 100.2592**.

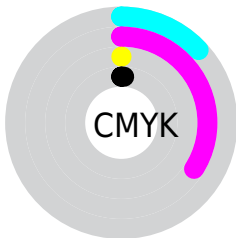
Distribution



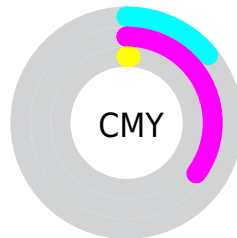
- Red (86%)
- Green (65%)
- Blue (99%)



- Red (86%)
- Yellow (65%)
- Blue (99%)



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4203, 49.3608, 98.4385 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 60.4203, 49.3608, 98.4385 by changing the saturation by 10% instead.


 60.4203, 49.3608,
98.4385


 60.4203, 49.3608,
98.4385


415.9552,
384.1610, 576.3785

 44.0083, 34.9058,
74.3875


 104.5420, 89.2271,
161.0428

 30.8749, 23.5903,
54.6126


 132.9824,
115.4071, 200.4331

 20.6550, 15.0300,
38.6951


166.1629,
146.2643, 245.7737

 12.9831, 8.8404,
26.2166

204.4489,
182.1830, 297.4830

 7.4938, 4.6372,
16.7585

248.2058,
223.5476, 355.9796

 3.8219, 2.0360,
9.9024

297.7989,

 1.6019, 0.6283,

270.7426, 421.6820

5.2295

353.5936,
324.1522, 495.0088

■ 0.3936, 0.0000,
2.3215

■ 0.0000, 0.0000,
0.7432

■ 60.4203, 49.3608,
98.4385

■ 60.4203, 49.3608,
98.4385

■ 53.4555, 39.6243,
96.9270

■ 68.4548, 60.9834,
100.2592

■ 47.5001, 31.6611,
95.7039

■ 77.6053, 74.5841,
102.4021

■ 42.4946, 25.3553,
94.7505

■ 87.9210, 90.2562,
104.8835

■ 38.3705, 20.5745,
94.0451

94.5708, 99.8083,
106.3767

■ 35.0488, 17.1652,
93.5621

■ 32.4334, 14.9398,
93.2704

■ 31.1465, 14.0269,
93.1620

Harmonies

Analogous

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



51.4892, 49.3608, 119.0461



60.4203, 49.3608, 98.4385



66.0716, 49.3608, 68.3815

Triad

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



60.4203, 49.3608, 98.4385



51.7812, 49.3608, 18.2586



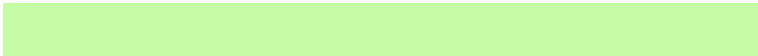
31.8178, 49.3608, 67.4646

Complementary

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



60.4203, 49.3608, 98.4385



65.2481, 84.5173, 48.9531

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.



31.8745, 49.3608, 41.3628



60.4203, 49.3608, 98.4385



42.6218, 49.3608, 18.1564

Square

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



60.4203, 49.3608, 98.4385



60.6579, 49.3608, 25.5100



35.5905, 49.3608, 25.1623



35.4240, 49.3608, 97.5815

Rectangle

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



60.4203, 49.3608, 98.4385



66.8073, 49.3608, 49.8420



35.5905, 49.3608, 25.1623



31.4258, 49.3608, 57.8478

Sweetspot

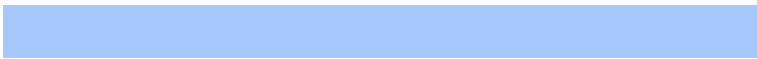
The Sweet Spot groups the original color and five complimentary colors.



60.4220, 49.3629, 98.4396



83.9391, 82.9869, 106.2017



54.0455, 56.6314, 100.1786



17.6533, 17.2885, 22.6565



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.



60.4220, 49.3629, 98.4396



57.0179, 43.6058, 100.0193



70.0206, 54.4651, 91.9344



17.3103, 17.1726, 21.7876



16.3940, 7.3941, 48.5367



1.6366, 0.7458, 4.5009

Inverse Universe

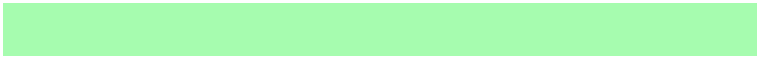
The Inverse Universe completely reimagines the original color for something new.



64.0915, 52.0934, 60.7119



61.5748, 46.9592, 54.8601



58.2366, 80.8085, 52.8822



17.5202, 17.3355, 19.3293



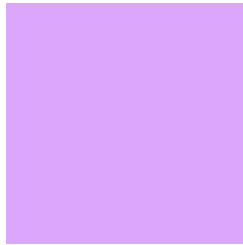
22.0950, 11.2537, 7.2086



2.0964, 1.0623, 0.9308

Previews

White Background



This preview shows how the XYZ color 60.4203, 49.3608, 98.4385 looks on a white background.

Color Contrast Check

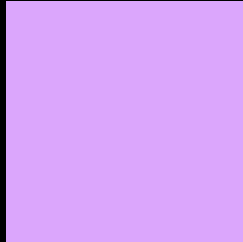
Large Text (above 18pt) WCAG AA × Fail

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 60.4203, 49.3608, 98.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

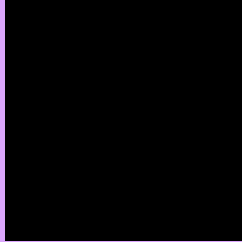
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4203, 49.3608, 98.4385

Background



This preview shows how black text looks on a background with the XYZ color 60.4203, 49.3608, 98.4385.



This preview shows how white text looks on a background with the XYZ color 60.4203, 49.3608,

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

60.4203, 49.3608, 98.4385

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.8784, 49.7162, 95.7215



Tritanopia

52.0132, 49.3482, 56.6529

Trichromacy



Original Color

60.4203, 49.3608, 98.4385



Protanomaly

53.6191, 48.9143, 100.3813



Deuteranomaly

53.5601, 48.9752, 96.2528



Tritanomaly

54.7142, 49.2733, 70.2453

Monochromacy



Original Color

60.4203, 49.3608, 98.4385



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.4282, 51.2786, 70.7001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4203, 49.3608, 98.4385 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(219, 166, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 252)  
}
```

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(219, 166, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.4203, 49.3608, 98.4385 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(219, 166, 252) }
```


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

```
.border{ border-color:rgb(219, 166, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 166, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 166, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 166, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 166,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4203, 49.3608, 98.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 252) }
```

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

```
.background{ background-color: rgb(219,  
166, 252) }
```

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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