

Converting Colors

XYZ(47.5681, 38.0193, 49.4363)

Have a look what the booklet for
XYZ(47.5681, 38.0193, 49.4363)
contains.

XYZ(47.5831, 38.1239, 49.6505)	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(47.5831, 38.1239,
49.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8FB7
RGB	219, 143, 183
RGB Percent	86%, 56%, 72%
CMY	0.1412, 0.4392, 0.2823
CMYK	0.00, 0.35, 0.16, 0.14
HSL	328°, 51%, 71%
HSV	328°, 35%, 86%
XYZ	47.5831, 38.1239, 49.6505
YIQ	170.2840, 32.4560, 28.5520

Conversions

Conversions Part 2

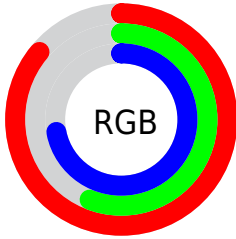
Format	Color
R _Y B	219, 143, 183
Decimal	14389175
CIE Lab	68.11, 34.47, -8.92
CIE LCh	68, 35.601, 345.490
Yxy	38.1239, 0.3515, 0.2817
Android (android.graphics.Color)	4292579255 (0xFFDB8FB7)
YUV	170.2840, 6.2690, 42.7239
Hunter-Lab	61.7446, 29.5071, -4.4555

Details

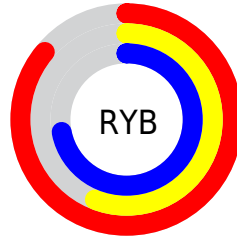
The XYZ color **47.5831, 38.1239, 49.6505** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7975, 59.7583, 51.8240**, and the grayscale version is **38.3095, 40.3046, 43.8917**.

A 20% lighter version of the original color is **77.0141, 67.8802, 90.7045**, and **22.8746, 16.8804, 23.1717** is the 20% darker color. If you saturate the color by 10%, you get **43.5705, 31.7632, 43.1805**, and if you desaturate by 10%, it is **52.3193, 45.8034, 56.7552**.

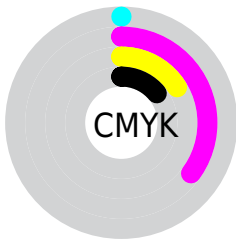
Distribution



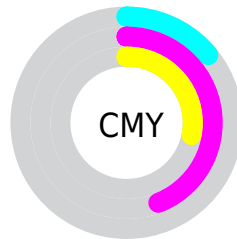
- Red (86%)
- Green (56%)
- Blue (72%)



- Red (86%)
- Yellow (56%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5831, 38.1239, 49.6505 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 47.5831, 38.1239, 49.6505 by changing the saturation by 10% instead.


 47.5831, 38.1239,
49.6505

 47.5831, 38.1239,
49.6505


367.7474,
338.1512, 401.9934

 33.7067, 26.0789,
34.7665


 85.7968, 72.2980,
91.0478

 22.8302, 16.8826,
23.2010


 110.8649, 95.1959,
118.3982

 14.5882, 10.1509,
14.5353


140.3942,
122.4801, 150.7412

 8.6153, 5.4991,
8.3509

174.7502,
154.5352, 188.4953

 4.5462, 2.5430,
4.2293

214.2981,
191.7454, 232.0790

 2.0155, 0.8981,
1.7520

259.4034,

 0.6427, 0.0000,

234.4952, 281.9109

0.3960

310.4314,
283.1690, 338.4095

■ 0.0000, 0.0000,
0.0000

■ 47.5831, 38.1239,
49.6505

■ 47.5831, 38.1239,
49.6505

■ 43.5705, 31.7632,
43.1805

■ 52.3193, 45.8034,
56.7552

■ 40.2390, 26.6404,
37.3214

■ 57.8118, 54.8660,
64.5125

■ 37.5464, 22.6737,
32.0510

■ 64.0953, 65.3782,
72.9423

■ 35.4444, 19.7693,
27.3440

■ 71.2015, 77.4004,
82.0627

■ 33.8771, 17.8183,
23.1725

■ 79.1600, 90.9899,
91.8912

■ 32.7765, 16.6881,
19.5042

■ 81.4927, 93.1878,
100.2757

■ 32.3230, 16.3039,
17.7409

■ 83.0236, 93.8002,
108.3372

Harmonies

Analogous

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



44.3934, 38.1239, 66.8412



47.5831, 38.1239, 49.6505



47.5264, 38.1239, 33.8693

Triad

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



47.5831, 38.1239, 49.6505



33.4589, 38.1239, 18.4700



29.2558, 38.1239, 67.3507

Complementary

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



47.5831, 38.1239, 49.6505



44.7975, 59.7583, 51.8240

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.



26.8916, 38.1239, 50.2222



47.5831, 38.1239, 49.6505



29.1440, 38.1239, 23.5560

Square

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



47.5831, 38.1239, 49.6505



38.9764, 38.1239, 18.3912



26.8529, 38.1239, 34.3126



33.6265, 38.1239, 78.6970

Rectangle

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



47.5831, 38.1239, 49.6505



45.6403, 38.1239, 26.1715



26.8529, 38.1239, 34.3126



28.2207, 38.1239, 61.9085

Sweetspot

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



47.5842, 38.1257, 49.6513



85.5635, 84.0420, 96.4430



41.0776, 34.2817, 71.4702



18.0488, 17.5452, 20.2850



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.



47.5842, 38.1257, 49.6513



62.7452, 46.7808, 63.0165



44.1894, 36.7677, 31.7742



13.3409, 13.1655, 15.0565



19.2217, 9.6897, 10.8133



1.2887, 0.6451, 0.9293

Inverse Universe

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



47.5842, 38.1257, 49.6513



62.7452, 46.7808, 63.0165



49.1155, 61.4855, 74.5623



13.3409, 13.1655, 15.0565



19.2217, 9.6897, 10.8133



1.2887, 0.6451, 0.9293

Previews

White Background



This preview shows how the XYZ color 47.5831, 38.1239, 49.6505 looks on a white background.

Color Contrast Check

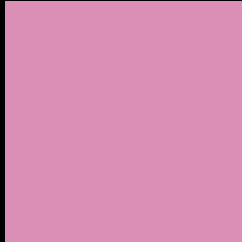
Large Text (above 18pt) WCAG AA × Fail

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 47.5831, 38.1239, 49.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

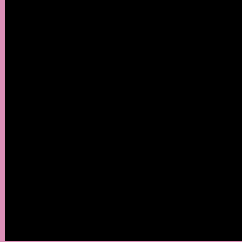
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5831, 38.1239, 49.6505

Background



This preview shows how black text looks on a background with the XYZ color 47.5831, 38.1239, 49.6505.



This preview shows how white text looks on a background with the XYZ color 47.5831, 38.1239,

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

47.5831, 38.1239, 49.6505

Protanopia

38.0304, 38.4151, 58.2338

Deuteranopia

39.2900, 38.4831, 48.5372



Tritanopia

45.0106, 37.9696, 37.7574

Trichromacy



Original Color

47.5831, 38.1239, 49.6505

Protanomaly

40.6275, 37.7435, 55.0131

Deuteranomaly

41.8001, 37.9854, 48.8449

Tritanomaly

45.9620, 38.1366, 41.9844

Monochromacy



Original Color

47.5831, 38.1239, 49.6505

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.0477, 38.9281, 45.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5831, 38.1239, 49.6505 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, 143, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 143, 183)  
}
```

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, 143, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 183) }
```

Border

The CSS property to change the border of an element to XYZ 47.5831, 38.1239, 49.6505 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, 143, 183) }
```


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

```
.border{ border-color:rgb(219, 143, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 143, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 143, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 143, 183); box-shadow:4px 4px 4px 4px rgb(219, 143, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5831, 38.1239, 49.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 183) }
```

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

```
.background{ background-color: rgb(219,  
143, 183) }
```

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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