

Converting Colors

XYZ(45.3291, 38.2001, 64.1619)

Have a look what the booklet for
XYZ(45.3291, 38.2001, 64.1619)
contains.

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Color

**XYZ(45.4575, 38.3235,
64.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	C696CF
RGB	198, 150, 207
RGB Percent	78%, 59%, 81%
CMY	0.2235, 0.4117, 0.1882
CMYK	0.04, 0.28, 0.00, 0.19
HSL	291°, 37%, 70%
HSV	291°, 28%, 81%
XYZ	45.4575, 38.3235, 64.0328
YIQ	170.8500, 10.3110, 27.9030

Conversions

Conversions Part 2

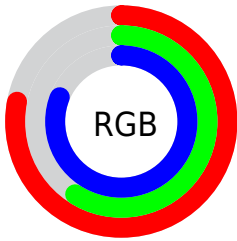
Format	Color
R_{YB}	198, 150, 207
Decimal	13014735
CIE _{Lab}	68.26, 27.83, -22.29
CIE _{LCh}	68, 35.657, 321.309
Yxy	38.3235, 0.3075, 0.2593
Android (android.graphics.Color)	4291204815 (0xFFC696CF)
YUV	170.8500, 17.8219, 23.8105
Hunter-Lab	61.9060, 22.7369, -17.9928

Details

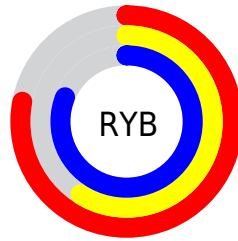
The XYZ color **45.4575, 38.3235, 64.0328** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1174, 54.1996, 37.0979**, and the grayscale version is **38.5443, 40.5516, 44.1607**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **21.5393, 17.0632, 32.2953** is the 20% darker color. If you saturate the color by 10%, you get **41.5897, 31.8524, 62.9882**, and if you desaturate by 10%, it is **49.9298, 45.9744, 65.2744**.

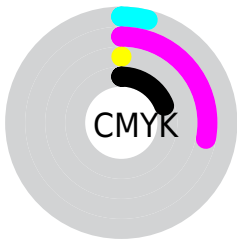
Distribution



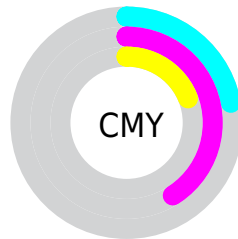
- Red (78%)
- Green (59%)
- Blue (81%)



- Red (78%)
- Yellow (59%)
- Blue (81%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4575, 38.3235, 64.0328 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 45.4575, 38.3235, 64.0328 by changing the saturation by 10% instead.

45.4575, 38.3235,
64.0328

45.4575, 38.3235,
64.0328

359.3759,
339.0057, 457.5188

32.0207, 26.2339,
46.2309

82.6394, 72.6037,
112.2581

21.5330, 16.9987,
32.0781

107.1152, 95.5631,
143.5186

13.6288, 10.2335,
21.1558

136.0014,
122.9145, 180.1023

7.9429, 5.5541,
13.0456

169.6634,
155.0423, 222.4278

4.1099, 2.5759,
7.3289

208.4664,
192.3309, 270.9137

1.7645, 0.9146,
3.5871

252.7760,

0.4962, 0.0000,

235.1648, 325.9784

1.4017

302.9574,
283.9282, 388.0406

■ 0.0000, 0.0000,
0.1430

■ 0.0000, 0.0000,
0.0000

■ 45.4575, 38.3235,
64.0328

■ 45.4575, 38.3235,
64.0328

■ 41.5897, 31.8524,
62.9882

■ 49.9298, 45.9744,
65.2744

■ 38.2919, 26.4948,
62.1279

■ 55.0315, 54.8570,
66.7201

■ 35.5317, 22.1850,
61.4415

■ 60.7905, 65.0264,
68.3794

■ 33.2719, 18.8489,
60.9166

■ 67.2319, 76.5326,
70.2608

■ 31.4703, 16.4022,
60.5393

■ 74.3796, 89.4229,
72.3722

■ 30.0774, 14.7464,
60.2931

■ 75.8203, 90.8708,
72.5757

■ 29.0245, 13.7439,
60.1551

■ 76.8052, 91.3785,
72.6218

■ 28.7885, 13.5400,
60.1282

■ 77.8094, 91.8962,
72.6688

■ 78.8332, 92.4240,
72.7167

Harmonies

Analogous

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



40.4649, 38.3235, 77.3977



45.4575, 38.3235, 64.0328



48.0934, 38.3235, 46.5447

Triad

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



45.4575, 38.3235, 64.0328



38.0706, 38.3235, 18.1280



27.3166, 38.3235, 53.9193

Complementary

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



45.4575, 38.3235, 64.0328



42.1174, 54.1996, 37.0979

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.



26.8159, 38.3235, 37.2552



45.4575, 38.3235, 64.0328



32.6640, 38.3235, 19.1492

Square

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



45.4575, 38.3235, 64.0328



43.5520, 38.3235, 22.0463



28.6766, 38.3235, 25.3168



30.1219, 38.3235, 70.5984

Rectangle

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



45.4575, 38.3235, 64.0328



47.9910, 38.3235, 35.9876



28.6766, 38.3235, 25.3168



26.8853, 38.3235, 48.0480

Sweetspot

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



45.4587, 38.3252, 64.0336



87.7088, 87.0620, 106.7896



36.3261, 35.9595, 64.0584



18.4944, 18.1466, 22.7778



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.



45.4587, 38.3252, 64.0336



69.1040, 55.1156, 101.6039



45.7168, 38.7106, 52.6405



12.1198, 11.9106, 14.9038



18.2042, 8.5649, 37.8862



1.0683, 0.5049, 2.1207

Inverse Universe

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



42.8979, 37.5831, 37.7962



64.4407, 53.7956, 52.4101



42.0533, 53.9753, 45.7396



11.8838, 11.8382, 12.6637



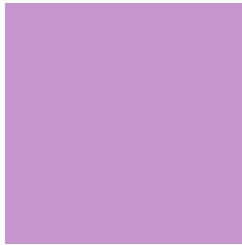
16.4053, 8.4350, 1.7747



0.9418, 0.4814, 0.2283

Previews

White Background



This preview shows how the XYZ color 45.4575, 38.3235, 64.0328 looks on a white background.

Color Contrast Check

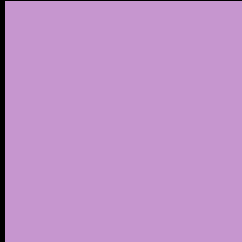
Large Text (above 18pt) WCAG AA × Fail

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 45.4575, 38.3235, 64.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

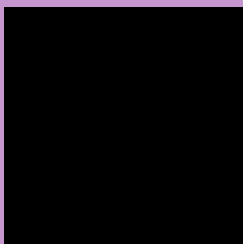
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4575, 38.3235, 64.0328

Background



This preview shows how black text looks on a background with the XYZ color 45.4575, 38.3235, 64.0328.



This preview shows how white text looks on a background with the XYZ color 45.4575, 38.3235,

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

45.4575, 38.3235, 64.0328

Protanopia

39.2469, 38.7445, 71.7396

Deuteranopia

39.3061, 38.4465, 62.4760



Tritanopia

41.2107, 38.3160, 42.7598

Trichromacy



Original Color

45.4575, 38.3235, 64.0328

Protanomaly

41.0706, 38.4317, 68.8717

Deuteranomaly

41.1508, 38.0916, 62.9411

Tritanomaly

42.6085, 38.1322, 49.9143

Monochromacy



Original Color

45.4575, 38.3235, 64.0328

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.8050, 39.4788, 50.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4575, 38.3235, 64.0328 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(198, 150, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 207)  
}
```

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(198, 150, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 207) }
```

Border

The CSS property to change the border of an element to XYZ 45.4575, 38.3235, 64.0328 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(198, 150, 207) }
```


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

```
.border{ border-color:rgb(198, 150, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4575, 38.3235, 64.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 207) }
```

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

```
.background{ background-color: rgb(198,  
150, 207) }
```

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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