

Converting Colors

XYZ(45.1009, 42.1660, 50.2717)

Have a look what the booklet for
XYZ(45.1009, 42.1660, 50.2717)
contains.

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Color

**XYZ(45.1873, 42.2934,
50.0378)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A5B6
RGB	198, 165, 182
RGB Percent	78%, 65%, 71%
CMY	0.2235, 0.3529, 0.2863
CMYK	0.00, 0.17, 0.08, 0.22
HSL	329°, 22%, 71%
HSV	329°, 17%, 78%
XYZ	45.1873, 42.2934, 50.0378
YIQ	176.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

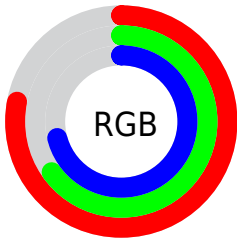
Format	Color
R_{YB}	198, 165, 182
Decimal	13018550
CIE Lab	71.07, 14.92, -4.21
CIE LCh	71, 15.508, 344.234
Yxy	42.2934, 0.3286, 0.3075
Android (android.graphics.Color)	4291208630 (0xFFC6A5B6)
YUV	176.8050, 2.5611, 18.5880
Hunter-Lab	65.0334, 10.2192, -0.0954

Details

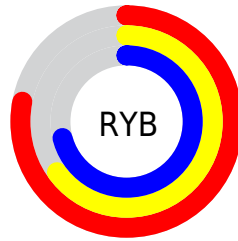
The XYZ color **45.1873, 42.2934, 50.0378** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0532, 51.7248, 51.3804**, and the grayscale version is **41.6704, 43.8405, 47.7423**.

A 20% lighter version of the original color is **82.2658, 78.6194, 91.7281**, and **21.3692, 19.3245, 23.3726** is the 20% darker color. If you saturate the color by 10%, you get **40.9305, 35.3132, 43.8904**, and if you desaturate by 10%, it is **50.0675, 50.4103, 56.7297**.

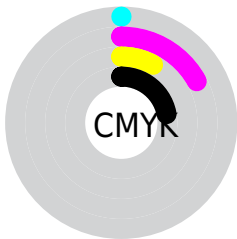
Distribution



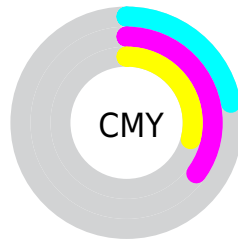
- Red (78%)
- Green (65%)
- Blue (71%)



- Red (78%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1873, 42.2934, 50.0378 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 45.1873, 42.2934, 50.0378 by changing the saturation by 10% instead.


 45.1873, 42.2934,
50.0378


 45.1873, 42.2934,
50.0378


358.3025,
355.6978, 403.5530

 31.8069, 29.3311,
35.0720


 82.2367, 78.6435,
91.6278

 21.3689, 19.3314,
23.4344

 106.6365,
102.8001, 119.0890

 13.5079, 11.9100,
14.7063

135.4400,
131.4568, 151.5526

 7.8586, 6.6824,
8.4692

169.0128,
164.9982, 189.4369

 4.0556, 3.2643,
4.3046

207.7200,
203.8086, 233.1606

 1.7337, 1.2712,
1.7939

251.9272,

 0.4772, 0.1188,

248.2724, 283.1422

0.4239

301.9996,
298.7740, 339.8001

■ 0.0000, 0.0000,
0.0000

■ 45.1873, 42.2934,
50.0378

■ 45.1873, 42.2934,
50.0378

■ 40.9305, 35.3132,
43.8904

■ 50.0675, 50.4103,
56.7297

■ 37.2667, 29.4129,
38.2692

■ 55.5924, 59.7063,
63.9781

■ 34.1684, 24.5391,
33.1585

■ 61.7869, 70.2284,
71.7982

■ 31.6044, 20.6316,
28.5410

■ 68.6733, 82.0195,
80.2036

■ 29.5402, 17.6239,
24.3977

■ 73.3327, 89.2394,
88.2272

■ 27.9371, 15.4411,
20.7081

■ 74.7188, 89.7938,
95.5261

■ 26.7500, 13.9958,
17.4492

■ 76.1803, 90.3784,
103.2223

■ 25.9204, 13.1731,
14.5933

■ 77.0989, 90.7459,
108.0599

■ 25.6868, 12.9650,
13.7167

Harmonies

Analogous

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



43.7758, 42.2934, 57.0508



45.1873, 42.2934, 50.0378



45.2246, 42.2934, 42.6299

Triad

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



45.1873, 42.2934, 50.0378



38.9858, 42.2934, 33.5564



36.7330, 42.2934, 56.7400

Complementary

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



45.1873, 42.2934, 50.0378



44.0532, 51.7248, 51.3804

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.



35.5595, 42.2934, 49.6490



45.1873, 42.2934, 50.0378



36.8218, 42.2934, 36.5634

Square

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



45.1873, 42.2934, 50.0378



41.5678, 42.2934, 33.6365



35.5913, 42.2934, 42.2805



38.8598, 42.2934, 61.1948

Rectangle

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



45.1873, 42.2934, 50.0378



44.4606, 42.2934, 38.4796



35.5913, 42.2934, 42.2805



36.2181, 42.2934, 54.5542

Sweetspot

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



45.1885, 42.2953, 50.0387



90.1370, 91.7414, 102.4305



42.6941, 40.8073, 59.0530



19.1504, 19.3973, 21.7341



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.



45.1885, 42.2953, 50.0387



77.1538, 70.1741, 84.5406



43.5870, 41.6547, 41.6054



10.8581, 10.7266, 12.2361



16.7480, 8.4488, 9.1489



0.8295, 0.4146, 0.6254

Inverse Universe

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



45.1885, 42.2953, 50.0387



77.1538, 70.1741, 84.5406



45.8421, 52.4403, 60.8005



10.8581, 10.7266, 12.2361



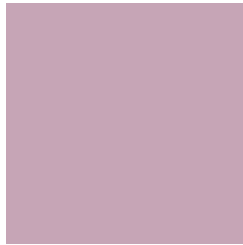
16.7480, 8.4488, 9.1489



0.8295, 0.4146, 0.6254

Previews

White Background



This preview shows how the XYZ color 45.1873, 42.2934, 50.0378 looks on a white background.

Color Contrast Check

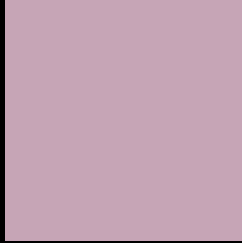
Large Text (above 18pt) WCAG AA × Fail

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 45.1873, 42.2934, 50.0378 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 45.1873, 42.2934, 50.0378

Background



This preview shows how black text looks on a background with the XYZ color 45.1873, 42.2934, 50.0378.



This preview shows how white text looks on a background with the XYZ color 45.1873, 42.2934,

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

45.1873, 42.2934, 50.0378

Protanopia

41.3688, 42.4737, 53.0316

Deuteranopia

43.2675, 42.4035, 49.6203



Tritanopia

44.9608, 42.4926, 47.9517

Trichromacy



Original Color

45.1873, 42.2934, 50.0378

Protanomaly

42.6601, 42.3195, 51.8190

Deuteranomaly

44.0813, 42.5479, 49.6053

Tritanomaly

45.0616, 42.5329, 48.4825

Monochromacy



Original Color

45.1873, 42.2934, 50.0378

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.0878, 43.4561, 48.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1873, 42.2934, 50.0378 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, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 182)  
}
```

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, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.1873, 42.2934, 50.0378 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, 165, 182) }
```


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

```
.border{ border-color:rgb(198, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1873, 42.2934, 50.0378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 182) }
```

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

```
.background{ background-color: rgb(198,  
165, 182) }
```

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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