

Converting Colors

XYZ(46.1198, 42.4712, 51.6659)

Have a look what the booklet for
XYZ(46.1198, 42.4712, 51.6659)
contains.

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Color

**XYZ(46.1198, 42.4712,
51.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A4B9
RGB	201, 164, 185
RGB Percent	79%, 64%, 73%
CMY	0.2118, 0.3568, 0.2745
CMYK	0.00, 0.18, 0.08, 0.21
HSL	326°, 26%, 72%
HSV	326°, 18%, 79%
XYZ	46.1198, 42.4712, 51.6659
YIQ	177.4570, 15.3110, 14.3750

Conversions

Conversions Part 2

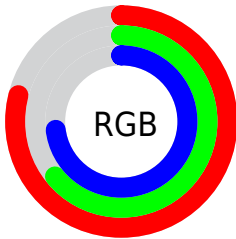
Format	Color
R _Y B	201, 164, 185
Decimal	13214905
CIE Lab	71.19, 17.07, -5.66
CIE LCh	71, 17.979, 341.652
Yxy	42.4712, 0.3288, 0.3028
Android (android.graphics.Color)	4291404985 (0xFFC9A4B9)
YUV	177.4570, 3.7187, 20.6472
Hunter-Lab	65.1699, 12.2744, -1.3854

Details

The XYZ color **46.1198, 42.4712, 51.6659** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4364, 52.9622, 51.0632**, and the grayscale version is **42.0067, 44.1943, 48.1276**.

A 20% lighter version of the original color is **82.4487, 78.2739, 93.9819**, and **21.9916, 19.4573, 24.4263** is the 20% darker color. If you saturate the color by 10%, you get **41.9135, 35.4821, 45.8740**, and if you desaturate by 10%, it is **50.9532, 50.6235, 57.9446**.

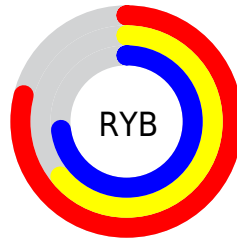
Distribution



Red (79%)

Green (64%)

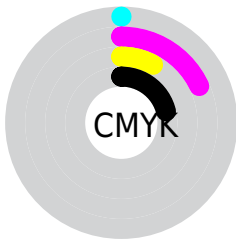
Blue (73%)



Red (79%)

Yellow (64%)

Blue (73%)

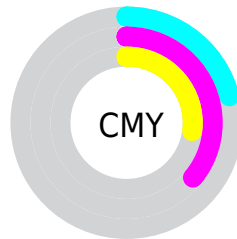


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1198, 42.4712, 51.6659 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 46.1198, 42.4712, 51.6659 by changing the saturation by 10% instead.


 46.1198, 42.4712,
51.6659


 46.1198, 42.4712,
51.6659


361.9979,
356.4325, 410.0656

 32.5454, 29.4704,
36.3584


 83.6250, 78.9123,
94.0599

 21.9360, 19.4370,
24.4193


 108.2866,
103.1214, 121.9835

 13.9262, 11.9865,
15.4299


137.3745,
131.8353, 154.9495

 8.1507, 6.7345,
8.9717

171.2542,
165.4386, 193.3766

 4.2442, 3.2966,
4.6261

210.2911,
204.3156, 237.6832

 1.8412, 1.2885,
1.9748

254.8504,

 0.5423, 0.1322,

248.8506, 288.2879

0.5397

305.2976,
299.4282, 345.6092

■ 0.0000, 0.0000,
0.0000

■ 46.1198, 42.4712,
51.6659

■ 46.1198, 42.4712,
51.6659

■ 41.9135, 35.4821,
45.8740

■ 50.9532, 50.6235,
57.9446

■ 38.3029, 29.5968,
40.5522

■ 56.4358, 59.9835,
64.7209

■ 35.2596, 24.7594,
35.6864

■ 62.5932, 70.6002,
72.0084

■ 32.7509, 20.9065,
31.2605

■ 69.4485, 82.5183,
79.8194

■ 30.7410, 17.9679,
27.2573

■ 73.9159, 89.5649,
87.1296

■ 29.1892, 15.8641,
23.6576

■ 75.1568, 90.0613,
93.6640

■ 28.0478, 14.5017,
20.4399

■ 76.4593, 90.5823,
100.5228

■ 27.2434, 13.7356,
17.5738

■ 77.8242, 91.1283,
107.7105

■ 27.1291, 13.6342,
17.1432

■ 77.8977, 91.1576,
108.0973

Harmonies

Analogous

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



44.3415, 42.4712, 59.7819



46.1198, 42.4712, 51.6659



46.3115, 42.4712, 42.9734

Triad

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



46.1198, 42.4712, 51.6659



39.2089, 42.4712, 31.8233



36.1918, 42.4712, 58.1703

Complementary

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



46.1198, 42.4712, 51.6659



44.4364, 52.9622, 51.0632

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.



34.9554, 42.4712, 49.6763



46.1198, 42.4712, 51.6659



36.6385, 42.4712, 34.9216

Square

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



46.1198, 42.4712, 51.6659



42.2189, 42.4712, 32.2159



35.1148, 42.4712, 41.2152



38.5712, 42.4712, 63.8472

Rectangle

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



46.1198, 42.4712, 51.6659



45.5027, 42.4712, 38.0724



35.1148, 42.4712, 41.2152



35.6342, 42.4712, 55.5082

Sweetspot

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



46.1210, 42.4731, 51.6668



89.3146, 90.2048, 101.8228



42.5066, 40.4035, 60.8173



18.9888, 19.0894, 21.6335



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.



46.1210, 42.4731, 51.6668



76.0273, 67.8156, 84.4902



44.3471, 41.7635, 42.3256



10.8818, 10.7361, 12.3608



17.1042, 8.5913, 11.0247



0.8457, 0.4211, 0.7108

Inverse Universe

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



46.1210, 42.4731, 51.6668



76.0273, 67.8156, 84.4902



46.3813, 53.7402, 61.3048



10.8818, 10.7361, 12.3608



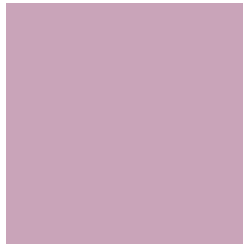
17.1042, 8.5913, 11.0247



0.8457, 0.4211, 0.7108

Previews

White Background



This preview shows how the XYZ color 46.1198, 42.4712, 51.6659 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 46.1198, 42.4712, 51.6659 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 46.1198, 42.4712, 51.6659

Background



This preview shows how black text looks on a background with the XYZ color 46.1198, 42.4712, 51.6659.



This preview shows how white text looks on a background with the XYZ color 46.1198, 42.4712,

51.6659.

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

46.1198, 42.4712, 51.6659

Protanopia

41.5811, 42.5330, 55.3083

Deuteranopia

43.3332, 42.4014, 51.2478



Tritanopia

45.3104, 42.4040, 47.9161

Trichromacy



Original Color

46.1198, 42.4712, 51.6659

Protanomaly

43.0885, 42.4909, 54.0747

Deuteranomaly

44.2087, 42.3046, 51.1830

Tritanomaly

45.6150, 42.5258, 49.5202

Monochromacy



Original Color

46.1198, 42.4712, 51.6659

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.2404, 43.2394, 49.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1198, 42.4712, 51.6659 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(201, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 164, 185)  
}
```

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(201, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 164, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.1198, 42.4712, 51.6659 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(201, 164, 185) }
```


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

```
.border{ border-color:rgb(201, 164, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 164,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1198, 42.4712, 51.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 164, 185) }
```

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

```
.background{ background-color: rgb(201,  
164, 185) }
```

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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