

Converting Colors

XYZ(45.3229, 42.0606, 51.6308)

Have a look what the booklet for
XYZ(45.3229, 42.0606, 51.6308)
contains.

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Color

**XYZ(45.3211, 42.0595,
51.6285)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4B9
RGB	198, 164, 185
RGB Percent	78%, 64%, 73%
CMY	0.2235, 0.3568, 0.2745
CMYK	0.00, 0.17, 0.07, 0.22
HSL	323°, 23%, 71%
HSV	323°, 17%, 78%
XYZ	45.3211, 42.0595, 51.6285
YIQ	176.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

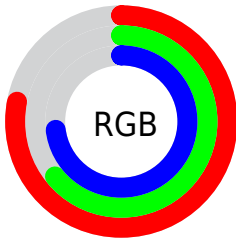
Format	Color
RYB	198, 164, 185
Decimal	13018297
CIELab	70.91, 16.00, -6.11
CIELCh	71, 17.129, 339.104
Yxy	42.0595, 0.3260, 0.3026
Android (android.graphics.Color)	4291208377 (0xFFC6A4B9)
YUV	176.5600, 4.1609, 18.8029
Hunter-Lab	64.8533, 11.2470, -1.8024

Details

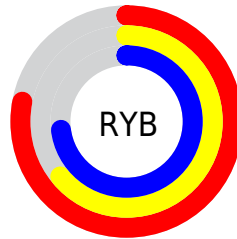
The XYZ color **45.3211, 42.0595, 51.6285** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4414, 51.4561, 49.2399**, and the grayscale version is **41.5343, 43.6973, 47.5864**.

A 20% lighter version of the original color is **82.4487, 78.2739, 93.9819**, and **21.4606, 19.1836, 24.4015** is the 20% darker color. If you saturate the color by 10%, you get **41.2719, 35.2060, 46.4400**, and if you desaturate by 10%, it is **49.9669, 50.0371, 57.2269**.

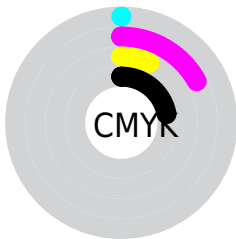
Distribution



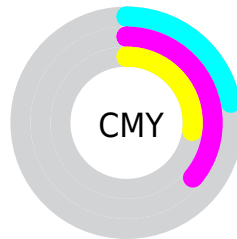
- Red (78%)
- Green (64%)
- Blue (73%)



- Red (78%)
- Yellow (64%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3211, 42.0595, 51.6285 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 45.3211, 42.0595, 51.6285 by changing the saturation by 10% instead.

 45.3211, 42.0595,
51.6285


 45.3211, 42.0595,
51.6285


358.8343,
354.7295, 409.9168

 31.9128, 29.1479,
36.3288


 82.4361, 78.2897,
94.0041

 21.4501, 19.1927,
24.3966


 106.8736,
102.3770, 121.9172

 13.5677, 11.8096,
15.4131


135.7181,
130.9584, 154.8718

 7.9003, 6.6142,
8.9600

169.3350,
164.4182, 193.2864

 4.0825, 3.2220,
4.6187

208.0898,
203.1408, 237.5797

 1.7489, 1.2487,
1.9705

252.3477,

 0.4866, 0.1010,

247.5106, 288.1702

0.5371

302.4741,
297.9121, 345.4764

■ 0.0000, 0.0000,
0.0000

■ 45.3211, 42.0595,
51.6285

■ 45.3211, 42.0595,
51.6285

■ 41.2719, 35.2060,
46.4400

■ 49.9669, 50.0371,
57.2269

■ 37.7897, 29.4197,
41.6467

■ 55.2302, 59.1809,
63.2439

■ 34.8474, 24.6475,
37.2370

■ 61.1351, 69.5380,
69.6911

■ 32.4146, 20.8291,
33.1971

■ 67.7036, 81.1510,
76.5787

■ 30.4572, 17.8981,
29.5124

■ 72.3491, 88.8460,
83.0476

■ 28.9373, 15.7791,
26.1664

■ 73.3923, 89.2632,
88.5410

■ 27.8102, 14.3845,
23.1408

■ 74.4817, 89.6990,
94.2778

■ 27.0151, 13.5937,
20.4115

■ 75.6179, 90.1535,
100.2610

■ 26.8196, 13.4181,
19.6820

■ 76.8015, 90.6269,
106.4937

Harmonies

Analogous

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



43.5356, 42.0595, 59.0953



45.3211, 42.0595, 51.6285



45.6389, 42.0595, 43.3555

Triad

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



45.3211, 42.0595, 51.6285



39.1149, 42.0595, 31.9734



35.8703, 42.0595, 56.4321

Complementary

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



45.3211, 42.0595, 51.6285



43.4414, 51.4561, 49.2399

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.



34.8026, 42.0595, 48.3257



45.3211, 42.0595, 51.6285



36.6165, 42.0595, 34.6580

Square

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



45.3211, 42.0595, 51.6285



41.9642, 42.0595, 32.6351



35.0691, 42.0595, 40.4195



38.0522, 42.0595, 62.0897

Rectangle

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



45.3211, 42.0595, 51.6285



44.9614, 42.0595, 38.5739



35.0691, 42.0595, 40.4195



35.3740, 42.0595, 53.8667

Sweetspot

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



45.3223, 42.0614, 51.6294



90.3414, 91.8231, 103.5070



41.4804, 39.9149, 58.9447



19.2001, 19.4172, 21.9958



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.



45.3223, 42.0614, 51.6294



77.1582, 69.2140, 87.5292



43.6833, 41.4058, 42.9987



10.9045, 10.7452, 12.4806



17.4841, 8.7432, 13.0250



0.8624, 0.4278, 0.7986

Inverse Universe

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



45.3223, 42.0614, 51.6294



77.1582, 69.2140, 87.5292



45.1831, 52.1528, 58.4114



10.9045, 10.7452, 12.4806



17.4841, 8.7432, 13.0250



0.8624, 0.4278, 0.7986

Previews

White Background



This preview shows how the XYZ color 45.3211, 42.0595, 51.6285 looks on a white background.

Color Contrast Check

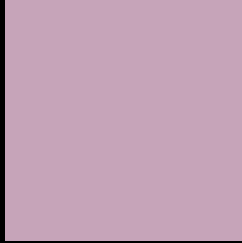
Large Text (above 18pt) WCAG AA × Fail

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 45.3211, 42.0595, 51.6285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

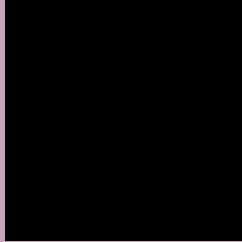
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3211, 42.0595, 51.6285

Background



This preview shows how black text looks on a background with the XYZ color 45.3211, 42.0595, 51.6285.



This preview shows how white text looks on a background with the XYZ color 45.3211, 42.0595,

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

45.3211, 42.0595, 51.6285

Protanopia

41.2511, 42.3755, 54.7203

Deuteranopia

43.0894, 42.2757, 51.2364



Tritanopia

44.5170, 41.9949, 47.8790

Trichromacy



Original Color

45.3211, 42.0595, 51.6285

Protanomaly

42.5079, 42.2040, 53.4827

Deuteranomaly

43.7057, 42.0453, 51.1594

Tritanomaly

44.8216, 42.1168, 49.4831

Monochromacy



Original Color

45.3211, 42.0595, 51.6285

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.9983, 43.1146, 49.2357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3211, 42.0595, 51.6285 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, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.3211, 42.0595, 51.6285 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, 164, 185) }
```


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

```
.border{ border-color:rgb(198, 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(198, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3211, 42.0595, 51.6285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 185) }
```

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

```
.background{ background-color: rgb(198,  
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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