

Converting Colors

XYZ(45.3751, 42.3702, 48.6941)

Have a look what the booklet for
XYZ(45.3751, 42.3702, 48.6941)
contains.

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Color

**XYZ(45.4112, 42.4443,
48.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A5B3
RGB	200, 165, 179
RGB Percent	78%, 65%, 70%
CMY	0.2157, 0.3529, 0.2980
CMYK	0.00, 0.17, 0.10, 0.22
HSL	336°, 24%, 72%
HSV	336°, 17%, 78%
XYZ	45.4112, 42.4443, 48.4470
YIQ	177.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

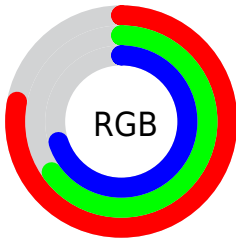
Format	Color
R _Y B	200, 165, 179
Decimal	13149619
CIE Lab	71.18, 15.12, -2.38
CIE LCh	71, 15.308, 351.048
Yxy	42.4443, 0.3332, 0.3114
Android (android.graphics.Color)	4291339699 (0xFFC8A5B3)
YUV	177.0610, 0.9559, 20.1175
Hunter-Lab	65.1493, 10.4091, 1.5146

Details

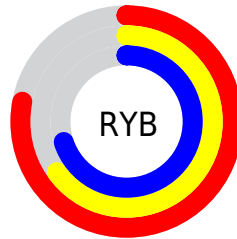
The XYZ color **45.4112, 42.4443, 48.4470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0359, 52.8541, 54.2850**, and the grayscale version is **41.8121, 43.9896, 47.9047**.

A 20% lighter version of the original color is **81.8286, 78.4446, 89.4257**, and **21.5251, 19.4276, 22.3541** is the 20% darker color. If you saturate the color by 10%, you get **40.9208, 35.3217, 41.2202**, and if you desaturate by 10%, it is **50.5738, 50.7411, 56.4201**.

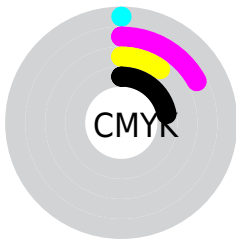
Distribution



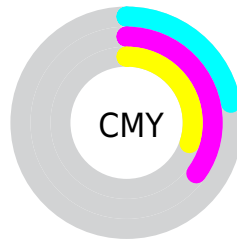
- Red (78%)
- Green (65%)
- Blue (70%)



- Red (78%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4112, 42.4443, 48.4470 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 45.4112, 42.4443, 48.4470 by changing the saturation by 10% instead.


 45.4112, 42.4443,
48.4470


 45.4112, 42.4443,
48.4470

359.1921,
356.3214, 397.1209

 31.9841, 29.4493,
33.8185


 82.5704, 78.8716,
89.2420

 21.5048, 19.4210,
22.4780


 107.0332,
103.0728, 116.2457

 13.6081, 11.9749,
14.0069


135.9052,
131.7781, 148.2114

 7.9285, 6.7266,
7.9866

169.5519,
165.3720, 185.5578

 4.1006, 3.2917,
3.9987

208.3386,
204.2389, 228.7034

 1.7592, 1.2859,
1.6247

252.6306,

 0.4929, 0.1302,

248.7632, 278.0668

0.3083

302.7934,
299.3292, 334.0664

■ 0.0000, 0.0000,
0.0000

■ 45.4112, 42.4443,
48.4470

■ 45.4112, 42.4443,
48.4470

■ 40.9208, 35.3217,
41.2202

■ 50.5738, 50.7411,
56.4201

■ 37.0701, 29.3144,
34.7143

■ 56.4320, 60.2564,
65.1585

■ 33.8294, 24.3666,
28.9059

■ 63.0125, 71.0392,
74.6840

■ 31.1650, 20.4158,
23.7695

■ 70.3395, 83.1337,
85.0164

■ 29.0396, 17.3924,
19.2778

■ 75.1606, 90.0319,
95.0833

■ 27.4117, 15.2180,
15.4009

■ 76.9935, 90.7650,
104.7350

■ 26.2326, 13.8010,
12.1060

■ 77.6296, 91.0195,
108.0847

■ 25.4349, 13.0125,
9.3530

■ 25.2672, 12.8585,
8.7375

Harmonies

Analogous

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



44.2992, 42.4443, 55.6726



45.4112, 42.4443, 48.4470



45.1208, 42.4443, 41.3264

Triad

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



45.4112, 42.4443, 48.4470



38.5970, 42.4443, 34.2489



37.3210, 42.4443, 58.0887

Complementary

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



45.4112, 42.4443, 48.4470



45.0359, 52.8541, 54.2850

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.



35.9131, 42.4443, 51.4738



45.4112, 42.4443, 48.4470



36.6279, 42.4443, 37.8935

Square

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



45.4112, 42.4443, 48.4470



41.1142, 42.4443, 33.6221



35.6649, 42.4443, 44.0519



39.5796, 42.4443, 61.6139

Rectangle

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



45.4112, 42.4443, 48.4470



44.1759, 42.4443, 37.5480



35.6649, 42.4443, 44.0519



36.7366, 42.4443, 56.1217

Sweetspot

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



45.4124, 42.4462, 48.4479



89.9091, 91.6502, 101.2301



44.1317, 41.5216, 60.3325



19.0950, 19.3752, 21.4426



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.



45.4124, 42.4462, 48.4479



75.5331, 68.5639, 78.9712



44.7075, 43.1881, 41.5794



10.8067, 10.7061, 11.9652



16.1072, 8.1925, 5.7746



0.7983, 0.4022, 0.4610

Inverse Universe

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



45.4124, 42.4462, 48.4479



75.5331, 68.5639, 78.9712



45.7966, 51.8763, 62.2434



10.8067, 10.7061, 11.9652



16.1072, 8.1925, 5.7746



0.7983, 0.4022, 0.4610

Previews

White Background



This preview shows how the XYZ color 45.4112, 42.4443, 48.4470 looks on a white background.

Color Contrast Check

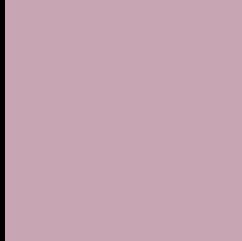
Large Text (above 18pt) WCAG AA × Fail

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 45.4112, 42.4443, 48.4470 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 45.4112, 42.4443, 48.4470

Background



This preview shows how black text looks on a background with the XYZ color 45.4112, 42.4443, 48.4470.



This preview shows how white text looks on a background with the XYZ color 45.4112, 42.4443,

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

45.4112, 42.4443, 48.4470

Protanopia

41.2745, 42.4618, 51.3679

Deuteranopia

43.4591, 42.5374, 48.0395



Tritanopia

45.3104, 42.4040, 47.9161

Trichromacy



Original Color

45.4112, 42.4443, 48.4470

Protanomaly

42.5854, 42.3172, 50.1795

Deuteranomaly

44.2866, 42.6890, 48.0251

Tritanomaly

45.3104, 42.4040, 47.9161

Monochromacy



Original Color

45.4112, 42.4443, 48.4470

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.9870, 43.4158, 48.2339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4112, 42.4443, 48.4470 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(200, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 179)  
}
```

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(200, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.4112, 42.4443, 48.4470 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(200, 165, 179) }
```


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

```
.border{ border-color:rgb(200, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4112, 42.4443, 48.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 179) }
```

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

```
.background{ background-color: rgb(200,  
165, 179) }
```

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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