

Converting Colors

XYZ(45.5121, 42.9399, 58.0589)

Have a look what the booklet for
XYZ(45.5121, 42.9399, 58.0589)
contains.

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Color

**XYZ(45.5208, 42.8294,
58.0923)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A7C4
RGB	192, 167, 196
RGB Percent	75%, 65%, 77%
CMY	0.2471, 0.3451, 0.2314
CMYK	0.02, 0.15, 0.00, 0.23
HSL	292°, 20%, 71%
HSV	292°, 15%, 77%
XYZ	45.5208, 42.8294, 58.0923
YIQ	177.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

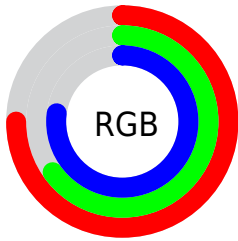
Format	Color
R _{YB}	192, 167, 196
Decimal	12625860
CIE Lab	71.44, 14.30, -11.45
CIE LCh	71, 18.325, 321.310
Yxy	42.8294, 0.3108, 0.2925
Android (android.graphics.Color)	4290815940 (0xFFC0A7C4)
YUV	177.7810, 8.9820, 12.4701
Hunter-Lab	65.4442, 9.6314, -6.8186

Details

The XYZ color **45.5208, 42.8294, 58.0923** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5110, 50.9289, 44.0983**, and the grayscale version is **42.1543, 44.3496, 48.2967**.

A 20% lighter version of the original color is **82.9178, 79.4741, 103.8983**, and **21.4945, 19.6177, 28.2449** is the 20% darker color. If you saturate the color by 10%, you get **41.5209, 35.8359, 56.9539**, and if you desaturate by 10%, it is **50.0800, 50.9214, 59.4146**.

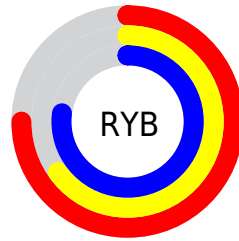
Distribution



Red (75%)

Green (65%)

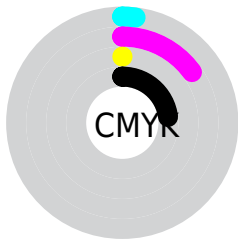
Blue (77%)



Red (75%)

Yellow (65%)

Blue (77%)

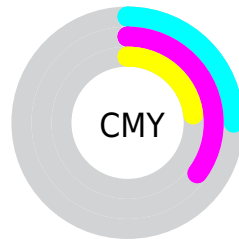


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (35%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5208, 42.8294, 58.0923 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 45.5208, 42.8294, 58.0923 by changing the saturation by 10% instead.


 45.5208, 42.8294,
58.0923


 45.5208, 42.8294,
58.0923

359.6271,
357.9097, 435.1376

 32.0709, 29.7513,
41.4677


 82.7336, 79.4534,
103.5734

 21.5714, 19.6499,
28.3622

 107.2273,
103.7680, 133.2669

 13.6572, 12.1408,
18.3575

136.1328,
132.5969, 168.1537

 7.9627, 6.8396,
11.0349

169.8156,
166.3245, 208.6525

 4.1227, 3.3620,
5.9758

208.6411,
205.3352, 255.1818

 1.7718, 1.3235,
2.7618

252.9746,

 0.5006, 0.1593,

250.0134, 308.1600

0.9743

303.1815,
300.7434, 368.0058

■ 0.0000, 0.0000,
0.0000

■ 45.5208, 42.8294,
58.0923

■ 45.5208, 42.8294,
58.0923

■ 41.5209, 35.8359,
56.9539

■ 50.0800, 50.9214,
59.4146

■ 38.0521, 29.8866,
55.9884

■ 55.2176, 60.1522,
60.9255

■ 35.0892, 24.9307,
55.1879

■ 60.9565, 70.5668,
62.6333

■ 32.6036, 20.9111,
54.5431

■ 67.3173, 82.2061,
64.5446

■ 30.5638, 17.7647,
54.0433

■ 71.0441, 88.5586,
65.5743

■ 28.9343, 15.4207,
53.6767

■ 71.7989, 88.9477,
65.6097

■ 27.6740, 13.7973,
53.4298

■ 72.5666, 89.3435,
65.6456

■ 26.7333, 12.7949,
53.2859

■ 73.3473, 89.7460,
65.6821

■ 26.3190, 12.4169,
53.2348

■ 74.1412, 90.1552,
65.7193

Harmonies

Analogous

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



42.9042, 42.8294, 64.3383



45.5208, 42.8294, 58.0923



46.8643, 42.8294, 49.2508

Triad

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



45.5208, 42.8294, 58.0923



41.6118, 42.8294, 31.7628



35.4231, 42.8294, 53.0908

Complementary

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



45.5208, 42.8294, 58.0923



43.5110, 50.9289, 44.0983

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.



35.1161, 42.8294, 44.1114



45.5208, 42.8294, 58.0923



38.5881, 42.8294, 32.5176

Square

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



45.5208, 42.8294, 58.0923



44.5338, 42.8294, 34.5802



36.2471, 42.8294, 36.7910



37.1080, 42.8294, 61.2063

Rectangle

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



45.5208, 42.8294, 58.0923



46.8125, 42.8294, 43.3779



36.2471, 42.8294, 36.7910



35.1588, 42.8294, 50.0490

Sweetspot

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



45.5221, 42.8312, 58.0932



91.3662, 93.3980, 107.8198



40.5310, 41.4612, 58.0918



19.4120, 19.7335, 23.0358



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.



45.5221, 42.8312, 58.0932



79.8241, 72.9490, 104.4811



45.4320, 42.9138, 52.2607



10.3563, 10.1748, 12.7029



16.9650, 8.0062, 34.2078



0.7715, 0.3657, 1.4798

Inverse Universe

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



43.9358, 42.3153, 44.3820



76.3862, 71.8385, 74.4209



43.6285, 50.8768, 49.1958



10.1285, 10.1000, 10.7673



14.7739, 7.5993, 1.4552



0.6571, 0.3358, 0.1615

Previews

White Background



This preview shows how the XYZ color 45.5208, 42.8294, 58.0923 looks on a white background.

Color Contrast Check

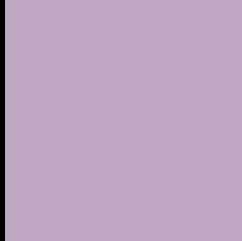
Large Text (above 18pt) WCAG AA × Fail

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 45.5208, 42.8294, 58.0923 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

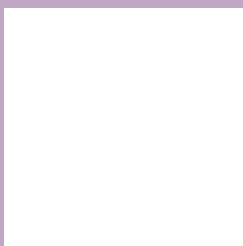
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5208, 42.8294, 58.0923

Background



This preview shows how black text looks on a background with the XYZ color 45.5208, 42.8294, 58.0923.



This preview shows how white text looks on a background with the XYZ color 45.5208, 42.8294,

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

45.5208, 42.8294, 58.0923

Protanopia

42.3560, 43.1002, 60.7303

Deuteranopia

43.7535, 42.7569, 57.5766



Tritanopia

43.9704, 42.7420, 50.7323

Trichromacy



Original Color

45.5208, 42.8294, 58.0923

Protanomaly

43.4621, 42.8330, 60.0097

Deuteranomaly

44.2880, 42.7552, 57.5481

Tritanomaly

44.5656, 42.7125, 53.4724

Monochromacy



Original Color

45.5208, 42.8294, 58.0923

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.4214, 43.8422, 52.0728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5208, 42.8294, 58.0923 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(192, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 167, 196)  
}
```

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(192, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 167, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.5208, 42.8294, 58.0923 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(192, 167, 196) }
```


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

```
.border{ border-color:rgb(192, 167, 196) }
```

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

Here you see how a box with a 4 pixel rgb(192, 167, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 167, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 167, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 167,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5208, 42.8294, 58.0923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 167, 196) }
```

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

```
.background{ background-color: rgb(192,  
167, 196) }
```

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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