

Converting Colors

XYZ(46.1842, 42.8548, 50.3118)

Have a look what the booklet for
XYZ(46.1842, 42.8548, 50.3118)
contains.

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Color

**XYZ(45.9860, 42.7052,
50.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A5B6
RGB	201, 165, 182
RGB Percent	79%, 65%, 71%
CMY	0.2118, 0.3529, 0.2863
CMYK	0.00, 0.18, 0.09, 0.21
HSL	332°, 25%, 72%
HSV	332°, 18%, 79%
XYZ	45.9860, 42.7052, 50.0752
YIQ	177.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

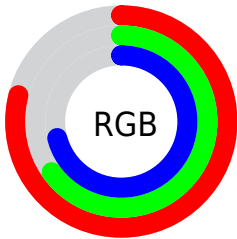
Format	Color
R _Y B	201, 165, 182
Decimal	13215158
CIE Lab	71.35, 16.00, -3.77
CIE LCh	71, 16.433, 346.750
Yxy	42.7052, 0.3314, 0.3077
Android (android.graphics.Color)	4291405238 (0xFFC9A5B6)
YUV	177.7020, 2.1189, 20.4323
Hunter-Lab	65.3492, 11.2487, 0.3123

Details

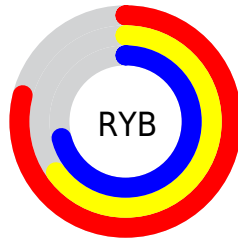
The XYZ color **45.9860, 42.7052, 50.0752** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0571, 53.2344, 53.2504**, and the grayscale version is **42.1438, 44.3385, 48.2847**.

A 20% lighter version of the original color is **82.2658, 78.6194, 91.7281**, and **21.9002, 19.5983, 23.3975** is the 20% darker color. If you saturate the color by 10%, you get **41.5865, 35.5946, 43.4028**, and if you desaturate by 10%, it is **51.0408, 50.9924, 57.3770**.

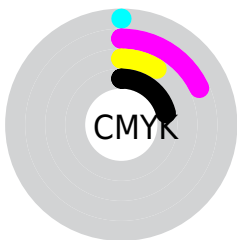
Distribution



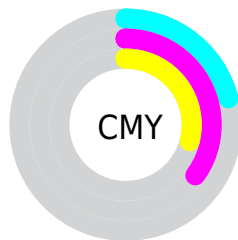
- Red (79%)
- Green (65%)
- Blue (71%)



- Red (79%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9860, 42.7052, 50.0752 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 45.9860, 42.7052, 50.0752 by changing the saturation by 10% instead.


 45.9860, 42.7052,
50.0752


 45.9860, 42.7052,
50.0752


361.4692,
357.3980, 403.7034

 32.4394, 29.6539,
35.1016


 83.4260, 79.2658,
91.6837

 21.8545, 19.5760,
23.4569


 108.0501,
103.5439, 119.1557

 13.8660, 12.0872,
14.7228


137.0974,
132.3330, 151.6309

 8.1086, 6.8031,
8.4806

170.9333,
166.0175, 189.5278

 4.2169, 3.3393,
4.3118

209.9230,
204.9819, 233.2649

 1.8256, 1.3113,
1.7979

254.4320,

 0.5330, 0.1499,

249.6105, 283.2609

0.4266

304.8256,
300.2878, 339.9342

■ 0.0000, 0.0000,
0.0000

■ 45.9860, 42.7052,
50.0752

■ 45.9860, 42.7052,
50.0752

■ 41.5865, 35.5946,
43.4028

■ 51.0408, 50.9924,
57.3770

■ 37.8104, 29.6010,
37.3385

■ 56.7737, 60.5007,
65.3229

■ 34.6281, 24.6683,
31.8636

■ 63.2112, 71.2795,
73.9308

■ 32.0066, 20.7331,
26.9576

■ 70.3768, 83.3735,
83.2167

■ 29.9090, 17.7253,
22.5979

■ 74.8499, 89.9385,
92.0485

■ 28.2940, 15.5655,
18.7604

■ 76.4296, 90.5704,
100.3668

■ 27.1133, 14.1606,
15.4179

■ 77.8976, 91.1576,
108.0973

■ 26.2968, 13.3743,
12.5357

■ 26.1489, 13.2421,
11.9821

Harmonies

Analogous

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



44.5854, 42.7052, 57.7267



45.9860, 42.7052, 50.0752



45.8948, 42.7052, 42.2487

Triad

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



45.9860, 42.7052, 50.0752



39.0775, 42.7052, 33.3937



37.0564, 42.7052, 58.4894

Complementary

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



45.9860, 42.7052, 50.0752



45.0571, 53.2344, 53.2504

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.



35.7106, 42.7052, 51.0246



45.9860, 42.7052, 50.0752



36.8408, 42.7052, 36.8301

Square

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



45.9860, 42.7052, 50.0752



41.8203, 42.7052, 33.2011



35.6336, 42.7052, 43.0967



39.3841, 42.7052, 62.9433

Rectangle

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



45.9860, 42.7052, 50.0752



44.9990, 42.7052, 37.9734



35.6336, 42.7052, 43.0967



36.4789, 42.7052, 56.2130

Sweetspot

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



45.9872, 42.7071, 50.0761



90.0518, 91.7073, 101.9819



43.6708, 41.2705, 60.9231



19.1297, 19.3891, 21.6251



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.



45.9872, 42.7071, 50.0761



76.0603, 68.7748, 81.7474



44.4441, 42.2634, 41.4149



10.8388, 10.7189, 12.1347



16.4869, 8.3443, 7.7737



0.8172, 0.4097, 0.5605

Inverse Universe

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



45.9872, 42.7071, 50.0761



76.0603, 68.7748, 81.7474



46.8080, 53.7114, 63.1591



10.8388, 10.7189, 12.1347



16.4869, 8.3443, 7.7737



0.8172, 0.4097, 0.5605

Previews

White Background



This preview shows how the XYZ color 45.9860, 42.7052, 50.0752 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 45.9860, 42.7052, 50.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

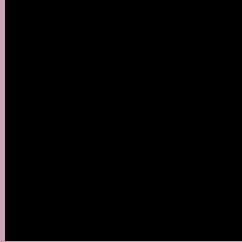
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9860, 42.7052, 50.0752

Background



This preview shows how black text looks on a background with the XYZ color 45.9860, 42.7052, 50.0752.



This preview shows how white text looks on a background with the XYZ color 45.9860, 42.7052,

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

45.9860, 42.7052, 50.0752

Protanopia

41.5613, 42.8586, 53.0957

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

45.7595, 42.9043, 47.9891

Trichromacy



Original Color

45.9860, 42.7052, 50.0752

Protanomaly

43.0870, 42.8189, 51.8929

Deuteranomaly

44.3354, 42.6789, 49.6172

Tritanomaly

45.8603, 42.9446, 48.5199

Monochromacy



Original Color

45.9860, 42.7052, 50.0752

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.3300, 43.5809, 48.7760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9860, 42.7052, 50.0752 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, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.9860, 42.7052, 50.0752 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, 165, 182) }
```


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

```
.border{ border-color:rgb(201, 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(201, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9860, 42.7052, 50.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 182) }
```

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

```
.background{ background-color: rgb(201,  
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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