

Converting Colors

XYZ(45.8754, 42.9431, 41.7861)

Have a look what the booklet for
XYZ(45.8754, 42.9431, 41.7861)
contains.

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Color

**XYZ(45.7917, 42.7853,
41.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA5A6
RGB	206, 165, 166
RGB Percent	81%, 65%, 65%
CMY	0.1922, 0.3529, 0.3490
CMYK	0.00, 0.20, 0.19, 0.19
HSL	359°, 29%, 73%
HSV	359°, 20%, 81%
XYZ	45.7917, 42.7853, 41.9213
YIQ	177.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

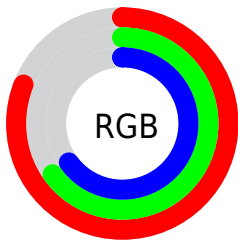
Format	Color
R _Y B	206, 165, 166
Decimal	13542822
CIE Lab	71.41, 15.21, 5.21
CIE LCh	71, 16.074, 18.905
Yxy	42.7853, 0.3509, 0.3279
Android (android.graphics.Color)	4291732902 (0xFFCEA5A6)
YUV	177.3730, -5.6069, 25.1059
Hunter-Lab	65.4105, 10.4936, 7.7886

Details

The XYZ color **45.7917, 42.7853, 41.9213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6096, 56.5508, 66.1139**, and the grayscale version is **42.0068, 44.1944, 48.1277**.

A 20% lighter version of the original color is **79.8843, 77.6669, 79.1875**, and **21.7049, 19.6045, 18.5597** is the 20% darker color. If you saturate the color by 10%, you get **40.6692, 35.2636, 31.8171**, and if you desaturate by 10%, it is **51.8033, 51.6231, 53.7445**.

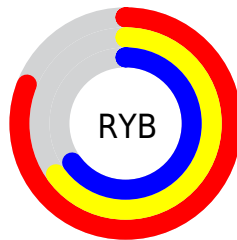
Distribution



Red (81%)

Green (65%)

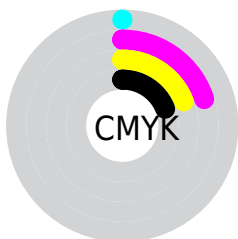
Blue (65%)



Red (81%)

Yellow (65%)

Blue (65%)

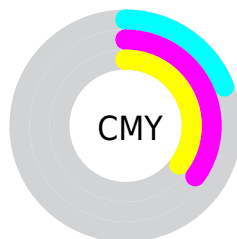


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (19%)



Cyan (19%)

Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7917, 42.7853, 41.9213 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 45.7917, 42.7853, 41.9213 by changing the saturation by 10% instead.


 45.7917, 42.7853,
41.9213


 45.7917, 42.7853,
41.9213

360.7006,
357.7281, 369.9466

 32.2854, 29.7167,
28.7146


 83.1369, 79.3868,
79.3493

 21.7362, 19.6237,
18.6213

 107.7066,
103.6884, 104.4077

 13.7787, 12.1218,
11.2229


136.6948,
132.5032, 134.2536

 8.0476, 6.8267,
6.1009

170.4668,
166.2155, 169.3057

 4.1775, 3.3539,
2.8368

209.3880,
205.2098, 209.9826

 1.8030, 1.3192,
1.0119

253.8238,

 0.5195, 0.1560,

249.8704, 256.7026

0.0000

304.1396,
300.5817, 309.8845

0.0000, 0.0000,
0.0000

45.7917, 42.7853,
41.9213

45.7917, 42.7853,
41.9213

40.6692, 35.2636,
31.8171

51.8033, 51.6231,
53.7445

36.3901, 28.9896,
23.3494

58.7395, 61.8294,
67.3586

32.9105, 23.8977,
16.4328

66.6383, 73.4611,
82.8346

30.1806, 19.9136,
10.9735

75.5346, 86.5700,
100.2392

28.1454, 16.9552,
6.8671

79.2638, 91.8619,
108.1612

■ 26.7422, 14.9285,
3.9956

■ 25.8971, 13.7226,
2.2208

■ 25.4845, 13.1377,
1.3421

■ 25.4812, 13.1329,
1.3356

Harmonies

Analogous

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



45.9906, 42.7853, 49.5138



45.7917, 42.7853, 41.9213



44.1842, 42.7853, 36.2310

Triad

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



45.7917, 42.7853, 41.9213



36.8684, 42.7853, 37.4586



39.6727, 42.7853, 62.7981

Complementary

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



45.7917, 42.7853, 41.9213



48.6096, 56.5508, 66.1139

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.



37.3399, 42.7853, 58.7468



45.7917, 42.7853, 41.9213



35.7694, 42.7853, 43.7758

Square

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



45.7917, 42.7853, 41.9213



39.0030, 42.7853, 33.8587



35.9381, 42.7853, 51.5843



42.3759, 42.7853, 62.1591

Rectangle

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



45.7917, 42.7853, 41.9213



42.5684, 42.7853, 34.0165



35.9381, 42.7853, 51.5843



38.8214, 42.7853, 61.9232

Sweetspot

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



45.7929, 42.7872, 41.9222



88.0507, 89.6992, 95.1669



49.6727, 44.2955, 64.3248



18.6907, 18.9701, 20.0638



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.



45.7929, 42.7872, 41.9222



70.3701, 63.7077, 60.3879



49.4146, 50.1764, 42.6804



11.2232, 11.2180, 11.7099



15.6956, 8.0888, 0.8497



0.8137, 0.4189, 0.0647

Inverse Universe

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



45.7929, 42.7872, 41.9222



70.3701, 63.7077, 60.3879



44.4014, 47.9414, 65.3063



11.2232, 11.2180, 11.7099



15.6956, 8.0888, 0.8497



0.8137, 0.4189, 0.0647

Previews

White Background



This preview shows how the XYZ color 45.7917, 42.7853, 41.9213 looks on a white background.

Color Contrast Check

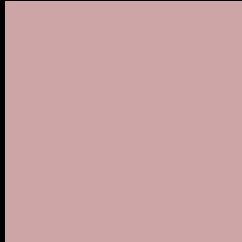
Large Text (above 18pt) WCAG AA × Fail

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 45.7917, 42.7853, 41.9213 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 45.7917, 42.7853, 41.9213

Background



This preview shows how black text looks on a background with the XYZ color 45.7917, 42.7853, 41.9213.



This preview shows how white text looks on a background with the XYZ color 45.7917, 42.7853,

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

45.7917, 42.7853, 41.9213

Protanopia

41.0771, 42.7961, 44.6235

Deuteranopia

43.7444, 42.8283, 41.5584



Tritanopia

46.6658, 42.5944, 46.8363

Trichromacy



Original Color

45.7917, 42.7853, 41.9213

Protanomaly

42.7106, 42.8092, 43.5480

Deuteranomaly

44.6136, 43.0012, 41.5460

Tritanomaly

46.4540, 42.7949, 44.8416

Monochromacy



Original Color

45.7917, 42.7853, 41.9213

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.2254, 43.5956, 45.6717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7917, 42.7853, 41.9213 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(206, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 166)  
}
```

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(206, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 45.7917, 42.7853, 41.9213 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(206, 165, 166) }
```


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

```
.border{ border-color:rgb(206, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7917, 42.7853, 41.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 166) }
```

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

```
.background{ background-color: rgb(206,  
165, 166) }
```

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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