

Converting Colors

XYZ(45.8916, 38.3276, 41.9512)

Have a look what the booklet for
XYZ(45.8916, 38.3276, 41.9512)
contains.

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Color

**XYZ(45.8205, 38.2935,
42.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	D893A8
RGB	216, 147, 168
RGB Percent	85%, 58%, 66%
CMY	0.1529, 0.4235, 0.3412
CMYK	0.00, 0.32, 0.22, 0.15
HSL	342°, 47%, 71%
HSV	342°, 32%, 85%
XYZ	45.8205, 38.2935, 42.0222
YIQ	170.0250, 34.3830, 21.1590

Conversions

Conversions Part 2

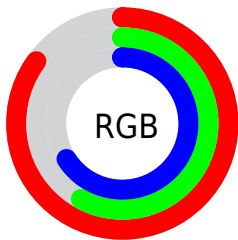
Format	Color
R _Y B	216, 147, 168
Decimal	14193576
CIE Lab	68.24, 28.96, -0.38
CIE LCh	68, 28.967, 359.251
Yxy	38.2935, 0.3633, 0.3036
Android (android.graphics.Color)	4292383656 (0xFFD893A8)
YUV	170.0250, -0.9983, 40.3201
Hunter-Lab	61.8817, 23.8777, 3.0550

Details

The XYZ color **45.8205, 38.2935, 42.0222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4404, 59.2559, 60.6224**, and the grayscale version is **38.2147, 40.2048, 43.7830**.

A 20% lighter version of the original color is **75.6798, 68.8288, 79.1086**, and **21.7418, 16.9190, 18.6428** is the 20% darker color. If you saturate the color by 10%, you get **41.4517, 31.6681, 34.0536**, and if you desaturate by 10%, it is **50.9839, 46.2484, 51.0547**.

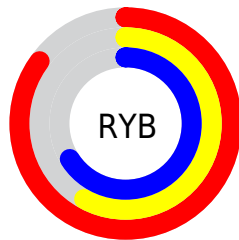
Distribution



Red (85%)

Green (58%)

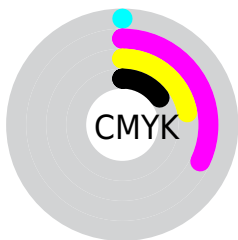
Blue (66%)



Red (85%)

Yellow (58%)

Blue (66%)

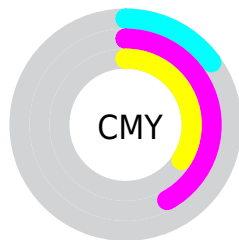


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8205, 38.2935, 42.0222 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 45.8205, 38.2935, 42.0222 by changing the saturation by 10% instead.


 45.8205, 38.2935,
42.0222

 45.8205, 38.2935,
42.0222


360.8146,
338.8773, 370.3773

 32.3082, 26.2106,
28.7930


 83.1798, 72.5578,
79.5037

 21.7537, 16.9812,
18.6800


 107.7575, 95.5079,
104.5930

 13.7916, 10.2211,
11.2648


136.7545,
122.8492, 134.4728

 8.0566, 5.5458,
6.1289

170.5360,
154.9661, 169.5616

 4.1833, 2.5709,
2.8535

209.4674,
192.2430, 210.2779

 1.8064, 0.9121,
1.0203

253.9140,

 0.5215, 0.0000,

235.0642, 257.0402

0.0000

304.2413,
283.8142, 310.2672

■ 0.0000, 0.0000,
0.0000

■ 45.8205, 38.2935,
42.0222

■ 45.8205, 38.2935,
42.0222

■ 41.4517, 31.6681,
34.0536

■ 50.9839, 46.2484,
51.0547

■ 37.8334, 26.2939,
27.1059

■ 56.9764, 55.5947,
61.1873

■ 34.9220, 22.0926,
21.1364

■ 63.8346, 66.3970,
72.4569

■ 32.6679, 18.9749,
16.0983

■ 71.5916, 78.7142,
84.8983

■ 31.0146, 16.8383,
11.9403

■ 80.2773, 92.5983,
98.5440

■ 29.8952, 15.5603,
8.6053

■ 82.1290, 93.3390,
108.2953

■ 29.2945, 14.9892,
6.4619

Harmonies

Analogous

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



44.4083, 38.2935, 55.7955



45.8205, 38.2935, 42.0222



44.5385, 38.2935, 30.6542

Triad

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



45.8205, 38.2935, 42.0222



32.3041, 38.2935, 23.4963



32.1222, 38.2935, 67.0208

Complementary

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



45.8205, 38.2935, 42.0222



46.4404, 59.2559, 60.6224

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.



29.3132, 38.2935, 55.1121



45.8205, 38.2935, 42.0222



29.4120, 38.2935, 30.1962

Square

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



45.8205, 38.2935, 42.0222



36.5109, 38.2935, 21.3935



28.3628, 38.2935, 41.3697



36.2830, 38.2935, 71.9466

Rectangle

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



45.8205, 38.2935, 42.0222



42.3842, 38.2935, 25.5071



28.3628, 38.2935, 41.3697



31.0016, 38.2935, 63.5945

Sweetspot

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



45.8216, 38.2953, 42.0230



84.7219, 83.7054, 92.0114



45.1165, 37.3164, 69.7910



17.8457, 17.4640, 19.2156



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.



45.8216, 38.2953, 42.0230



62.5166, 49.3609, 53.5767



46.0969, 41.7277, 33.2306



12.5773, 12.4824, 13.7142



17.3816, 8.8889, 4.0474



1.0849, 0.5507, 0.4364

Inverse Universe

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



45.8216, 38.2953, 42.0230



62.5166, 49.3609, 53.5767



45.8673, 54.0395, 72.9793



12.5773, 12.4824, 13.7142



17.3816, 8.8889, 4.0474



1.0849, 0.5507, 0.4364

Previews

White Background



This preview shows how the XYZ color 45.8205, 38.2935, 42.0222 looks on a white background.

Color Contrast Check

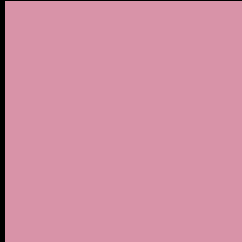
Large Text (above 18pt) WCAG AA × Fail

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 45.8205, 38.2935, 42.0222 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 45.8205, 38.2935, 42.0222

Background



This preview shows how black text looks on a background with the XYZ color 45.8205, 38.2935, 42.0222.



This preview shows how white text looks on a background with the XYZ color 45.8205, 38.2935,

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

45.8205, 38.2935, 42.0222

Protanopia

37.4988, 38.6341, 48.1286

Deuteranopia

39.0648, 38.2736, 40.9259



Tritanopia

44.9594, 38.1649, 38.2547

Trichromacy



Original Color

45.8205, 38.2935, 42.0222

Protanomaly

39.9032, 38.0818, 45.8048

Deuteranomaly

41.2771, 38.1322, 41.2611

Tritanomaly

45.2251, 38.2712, 39.6538

Monochromacy



Original Color

45.8205, 38.2935, 42.0222

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.5753, 39.2700, 42.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8205, 38.2935, 42.0222 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(216, 147, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 168)  
}
```

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(216, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.8205, 38.2935, 42.0222 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(216, 147, 168) }
```


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

```
.border{ border-color:rgb(216, 147, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 147, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 147, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 147,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8205, 38.2935, 42.0222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 168) }
```

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

```
.background{ background-color: rgb(216,  
147, 168) }
```

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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