

Converting Colors

XYZ(46.2749, 40.8402, 39.6966)

Have a look what the booklet for
XYZ(46.2749, 40.8402, 39.6966)
contains.

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Color

**XYZ(46.1416, 40.6817,
39.6028)**

Conversions

Conversions Part 1

Format	Color
Hex	D69CA2
RGB	214, 156, 162
RGB Percent	84%, 61%, 64%
CMY	0.1608, 0.3882, 0.3647
CMYK	0.00, 0.27, 0.24, 0.16
HSL	354°, 41%, 73%
HSV	354°, 27%, 84%
XYZ	46.1416, 40.6817, 39.6028
YIQ	174.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

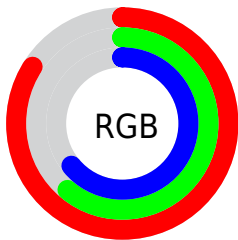
Format	Color
R _Y B	214, 156, 162
Decimal	14064802
CIE Lab	69.95, 22.48, 5.43
CIE LCh	70, 23.128, 13.578
Yxy	40.6817, 0.3650, 0.3218
Android (android.graphics.Color)	4292254882 (0xFFD69CA2)
YUV	174.0260, -5.9288, 35.0572
Hunter-Lab	63.7822, 17.5124, 7.8340

Details

The XYZ color **46.1416, 40.6817, 39.6028** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1437, 59.7161, 68.6138**, and the grayscale version is **40.2641, 42.3610, 46.1311**.

A 20% lighter version of the original color is **77.0587, 72.8583, 75.6473**, and **21.8653, 18.2955, 17.1308** is the 20% darker color. If you saturate the color by 10%, you get **41.2845, 33.4917, 30.2012**, and if you desaturate by 10%, it is **51.8939, 49.2448, 50.5877**.

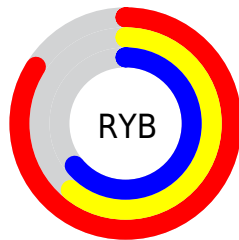
Distribution



Red (84%)

Green (61%)

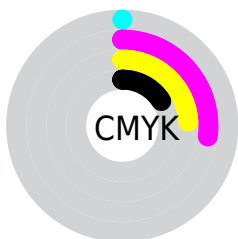
Blue (64%)



Red (84%)

Yellow (61%)

Blue (64%)

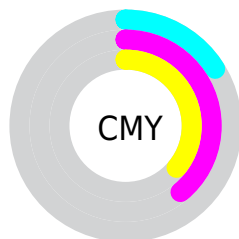


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1416, 40.6817, 39.6028 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 46.1416, 40.6817, 39.6028 by changing the saturation by 10% instead.


 46.1416, 40.6817,
39.6028


 46.1416, 40.6817,
39.6028


362.0840,
348.9885, 359.9488

 32.5627, 28.0705,
26.9176


 83.6574, 76.2005,
75.7887

 21.9493, 18.3788,
17.2794


 108.3251, 99.8768,
100.1265

 13.9360, 11.2223,
10.2699


137.4196,
128.0102, 129.1856

 8.1576, 6.2165,
5.4703

171.3065,
160.9852, 163.3845

 4.2486, 2.9772,
2.4622

210.3510,
199.1862, 203.1417

 1.8437, 1.1198,
0.8200

254.9185,

 0.5438, 0.0000,

242.9974, 248.8758

0.0000

305.3744,
292.8034, 301.0053

■ 0.0000, 0.0000,
0.0000

■ 46.1416, 40.6817,
39.6028

■ 46.1416, 40.6817,
39.6028

■ 41.2845, 33.4917,
30.2012

■ 51.8939, 49.2448,
50.5877

■ 37.2742, 27.5981,
22.3073

■ 58.5797, 59.2413,
63.2217

■ 34.0630, 22.9252,
15.8434

■ 66.2394, 70.7347,
77.5697

■ 31.5969, 19.3872,
10.7234

■ 74.9098, 83.7832,
93.6927

■ 29.8154, 16.8873,
6.8521

■ 81.5417, 93.0362,
108.2678

■ 28.6482, 15.3123,
4.1218

■ 28.0049, 14.5133,
2.4044

■ 27.8777, 14.3546,
2.0667

Harmonies

Analogous

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



46.0370, 40.6817, 50.4211



46.1416, 40.6817, 39.6028



44.1535, 40.6817, 31.4821

Triad

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



46.1416, 40.6817, 39.6028



33.8866, 40.6817, 30.9059



36.6554, 40.6817, 67.3150

Complementary

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



46.1416, 40.6817, 39.6028



49.1437, 59.7161, 68.6138

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.



33.6544, 40.6817, 60.1849



46.1416, 40.6817, 39.6028



32.1283, 40.6817, 38.6872

Square

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



46.1416, 40.6817, 39.6028



36.9915, 40.6817, 27.0397



32.0462, 40.6817, 49.3449



40.3918, 40.6817, 67.6678

Rectangle

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



46.1416, 40.6817, 39.6028



41.9794, 40.6817, 28.1977



32.0462, 40.6817, 49.3449



35.5331, 40.6817, 65.5848

Sweetspot

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



46.1427, 40.6836, 39.6036



86.0775, 86.5453, 92.0662



49.8247, 41.9330, 69.0864



18.0857, 18.0176, 19.0683



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.



46.1427, 40.6836, 39.6036



63.9670, 53.6061, 49.9155



49.7004, 48.6318, 38.2222



12.4749, 12.4415, 13.1751



16.8684, 8.6837, 1.3450



1.0356, 0.5310, 0.1766

Inverse Universe

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



46.1427, 40.6836, 39.6036



63.9670, 53.6061, 49.9155



44.6479, 49.5214, 70.8240



12.4749, 12.4415, 13.1751



16.8684, 8.6837, 1.3450



1.0356, 0.5310, 0.1766

Previews

White Background



This preview shows how the XYZ color 46.1416, 40.6817, 39.6028 looks on a white background.

Color Contrast Check

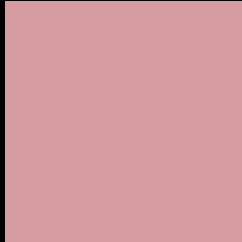
Large Text (above 18pt) WCAG AA × Fail

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 46.1416, 40.6817, 39.6028 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 46.1416, 40.6817, 39.6028

Background



This preview shows how black text looks on a background with the XYZ color 46.1416, 40.6817, 39.6028.



This preview shows how white text looks on a background with the XYZ color 46.1416, 40.6817,

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

46.1416, 40.6817, 39.6028

Protanopia

39.3096, 40.7657, 43.8269

Deuteranopia

41.5385, 40.6548, 38.9156



Tritanopia

46.7207, 40.6798, 41.9487

Trichromacy



Original Color

46.1416, 40.6817, 39.6028

Protanomaly

41.4165, 40.5191, 42.1973

Deuteranomaly

43.1728, 40.6932, 39.2973

Tritanomaly

46.5372, 40.6064, 40.9823

Monochromacy



Original Color

46.1416, 40.6817, 39.6028

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.0607, 41.3585, 43.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1416, 40.6817, 39.6028 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(214, 156, 162) looks like.

```
.text, #text, p{  
    color:rgb(214, 156, 162)  
}
```

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(214, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.1416, 40.6817, 39.6028 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(214, 156, 162) }
```


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

```
.border{ border-color:rgb(214, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(214, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1416, 40.6817, 39.6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 156, 162) }
```

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

```
.background{ background-color: rgb(214,  
156, 162) }
```

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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