

Converting Colors

XYZ(46.1205, 42.0446, 39.5719)

Have a look what the booklet for
XYZ(46.1205, 42.0446, 39.5719)
contains.

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Color

**XYZ(46.0419, 41.9118,
39.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A1A1
RGB	211, 161, 161
RGB Percent	83%, 63%, 63%
CMY	0.1725, 0.3686, 0.3686
CMYK	0.00, 0.24, 0.24, 0.17
HSL	0°, 36%, 73%
HSV	0°, 24%, 83%
XYZ	46.0419, 41.9118, 39.3813
YIQ	175.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

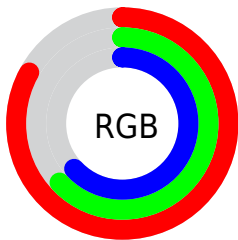
Format	Color
R _Y B	211, 161, 161
Decimal	13869473
CIE Lab	70.81, 18.50, 7.18
CIE LCh	71, 19.844, 21.197
Yxy	41.9118, 0.3616, 0.3291
Android (android.graphics.Color)	4292059553 (0xFFD3A1A1)
YUV	175.9500, -7.3703, 30.7389
Hunter-Lab	64.7393, 13.6534, 9.2511

Details

The XYZ color **46.0419, 41.9118, 39.3813** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7496, 58.8673, 70.3689**, and the grayscale version is **41.2680, 43.4172, 47.2813**.

A 20% lighter version of the original color is **78.1905, 75.3296, 75.3847**, and **21.9934, 19.1310, 17.2853** is the 20% darker color. If you saturate the color by 10%, you get **40.9549, 34.4684, 29.2672**, and if you desaturate by 10%, it is **52.0673, 50.7289, 51.3582**.

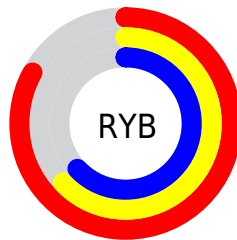
Distribution



Red (83%)

Green (63%)

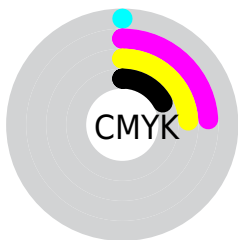
Blue (63%)



Red (83%)

Yellow (63%)

Blue (63%)

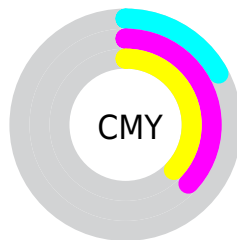


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0419, 41.9118, 39.3813 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 46.0419, 41.9118, 39.3813 by changing the saturation by 10% instead.


 46.0419, 41.9118,
39.3813

 46.0419, 41.9118,
39.3813


361.6902,
354.1172, 358.9832

 32.4836, 29.0322,
26.7464


 83.5092, 78.0661,
75.4472

 21.8885, 19.1052,
17.1521


 108.1489,
102.1097, 99.7153

 13.8912, 11.7463,
10.1799


137.2132,
130.6433, 128.6981

 8.1262, 6.5712,
5.4112

171.0674,
164.0515, 162.8143

 4.2283, 3.1954,
2.4276

210.0768,
202.7186, 202.4823

 1.8321, 1.2346,
0.8014

254.6069,

 0.5369, 0.0897,

247.0290, 248.1208

0.0000

305.0229,
297.3670, 300.1482

■ 0.0000, 0.0000,
0.0000

■ 46.0419, 41.9118,
39.3813

■ 46.0419, 41.9118,
39.3813

■ 40.9549, 34.4684,
29.2672

■ 52.0673, 50.7289,
51.3582

■ 36.7560, 28.3242,
20.9200

■ 59.0713, 60.9777,
65.2822

■ 33.3953, 23.4063,
14.2391

■ 67.0961, 72.7200,
81.2355

■ 30.8164, 19.6327,
9.1128

■ 76.1801, 86.0124,
99.2948

■ 28.9565, 16.9110,
5.4157

■ 80.6742, 92.5890,
108.2272

■ 27.7427, 15.1347,
3.0029

■ 27.0868, 14.1748,
1.6994

■ 26.8643, 13.8493,
1.2573

Harmonies

Analogous

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



46.4331, 41.9118, 48.4692



46.0419, 41.9118, 39.3813



43.9409, 41.9118, 32.9007

Triad

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



46.0419, 41.9118, 39.3813



35.0981, 41.9118, 35.1795



38.8739, 41.9118, 66.0249

Complementary

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



46.0419, 41.9118, 39.3813



49.7496, 58.8673, 70.3689

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.



35.9949, 41.9118, 61.2920



46.0419, 41.9118, 39.3813



33.8952, 41.9118, 42.9132

Square

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



46.0419, 41.9118, 39.3813



37.5879, 41.9118, 30.7175



34.2143, 41.9118, 52.5176



42.1718, 41.9118, 64.7358

Rectangle

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



46.0419, 41.9118, 39.3813



41.9138, 41.9118, 30.5187



34.2143, 41.9118, 52.5176



37.8279, 41.9118, 65.0640

Sweetspot

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



46.0430, 41.9137, 39.3822



86.8760, 88.0393, 92.6501



51.3672, 44.0423, 67.4221



18.4520, 18.6347, 19.5466



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.



46.0430, 41.9137, 39.3822



66.9085, 58.8213, 52.9551



50.8564, 51.5404, 40.9866



11.8089, 11.8084, 12.2689



16.2125, 8.3581, 0.7588



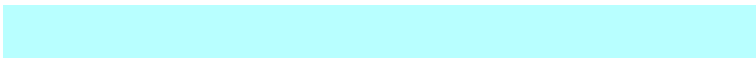
0.9065, 0.4674, 0.0424

Inverse Universe

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



49.7496, 58.8673, 70.3689



73.4797, 88.8774, 107.8900



44.0152, 47.3986, 68.4575



12.1583, 13.4070, 15.1906



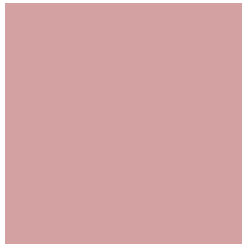
21.1515, 30.9496, 42.0516



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 46.0419, 41.9118, 39.3813 looks on a white background.

Color Contrast Check

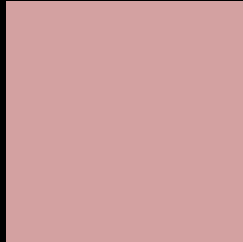
Large Text (above 18pt) WCAG AA × Fail

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 46.0419, 41.9118, 39.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

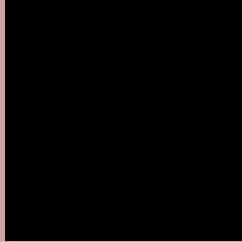
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0419, 41.9118, 39.3813

Background



This preview shows how black text looks on a background with the XYZ color 46.0419, 41.9118, 39.3813.



This preview shows how white text looks on a background with the XYZ color 46.0419, 41.9118,

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

46.0419, 41.9118, 39.3813

Protanopia

40.2787, 42.1421, 42.5705

Deuteranopia

42.6696, 41.7776, 39.0727



Tritanopia

46.9959, 41.7719, 44.6156

Trichromacy



Original Color

46.0419, 41.9118, 39.3813

Protanomaly

42.2147, 42.0397, 41.4868

Deuteranomaly

43.8877, 41.8658, 39.0255

Tritanomaly

46.7901, 41.9658, 42.6799

Monochromacy



Original Color

46.0419, 41.9118, 39.3813

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8999, 42.8849, 44.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0419, 41.9118, 39.3813 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(211, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 161)  
}
```

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(211, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.0419, 41.9118, 39.3813 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(211, 161, 161) }
```


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

```
.border{ border-color:rgb(211, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0419, 41.9118, 39.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 161) }
```

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

```
.background{ background-color: rgb(211,  
161, 161) }
```

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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