

Converting Colors

XYZ(46.1909, 41.9534, 39.3140)

Have a look what the booklet for
XYZ(46.1909, 41.9534, 39.3140)
contains.

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Color

**XYZ(46.3293, 42.0600,
39.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A1A1
RGB	212, 161, 161
RGB Percent	83%, 63%, 63%
CMY	0.1686, 0.3686, 0.3686
CMYK	0.00, 0.24, 0.24, 0.17
HSL	0°, 37%, 73%
HSV	0°, 24%, 83%
XYZ	46.3293, 42.0600, 39.3948
YIQ	176.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

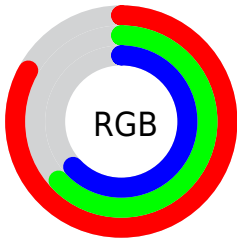
Format	Color
R _Y B	212, 161, 161
Decimal	13935009
CIE Lab	70.91, 18.88, 7.34
CIE LCh	71, 20.251, 21.236
Yxy	42.0600, 0.3626, 0.3291
Android (android.graphics.Color)	4292125089 (0xFFD4A1A1)
YUV	176.2490, -7.5178, 31.3536
Hunter-Lab	64.8537, 14.0205, 9.3824

Details

The XYZ color **46.3293, 42.0600, 39.3948** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1245, 59.4159, 71.1143**, and the grayscale version is **41.4246, 43.5819, 47.4607**.

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 **41.2204, 34.5845, 29.2371**, and if you desaturate by 10%, it is **52.3855, 50.9222, 51.4331**.

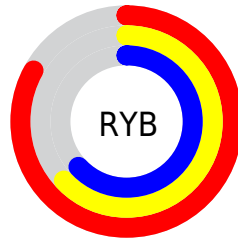
Distribution



Red (83%)

Green (63%)

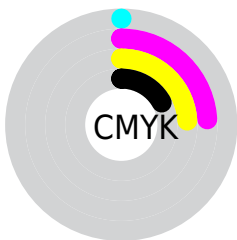
Blue (63%)



Red (83%)

Yellow (63%)

Blue (63%)

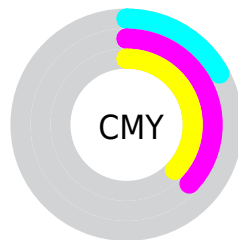


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3293, 42.0600, 39.3948 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 46.3293, 42.0600, 39.3948 by changing the saturation by 10% instead.


 46.3293, 42.0600,
39.3948

 46.3293, 42.0600,
39.3948


362.8248,
354.7316, 359.0421

 32.7115, 29.1483,
26.7568


 83.9365, 78.2904,
75.4680

 22.0637, 19.1930,
17.1598


 108.6565,
102.3779, 99.7403

 14.0206, 11.8098,
10.1854


137.8080,
130.9594, 128.7278

 8.2168, 6.6143,
5.4148

171.7563,
164.4194, 162.8491

 4.2869, 3.2221,
2.4297

210.8668,
203.1422, 202.5226

 1.8657, 1.2488,
0.8025

255.5048,

 0.5568, 0.1010,

247.5123, 248.1669

0.0000

306.0357,
297.9139, 300.2005

■ 0.0000, 0.0000,
0.0000

■ 46.3293, 42.0600,
39.3948

■ 46.3293, 42.0600,
39.3948

■ 41.2204, 34.5845,
29.2371

■ 52.3855, 50.9222,
51.4331

■ 37.0077, 28.4201,
20.8625

■ 59.4299, 61.2301,
65.4373

■ 33.6406, 23.4931,
14.1691

■ 67.5051, 73.0462,
81.4908

■ 31.0621, 19.7198,
9.0433

■ 76.6502, 86.4279,
99.6714

■ 29.2080, 17.0066,
5.3577

■ 80.9615, 92.7371,
108.2407

■ 28.0042, 15.2450,
2.9650

■ 27.3607, 14.3033,
1.6862

■ 27.1517, 13.9975,
1.2707

Harmonies

Analogous

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



46.7327, 42.0600, 48.6839



46.3293, 42.0600, 39.3948



44.1749, 42.0600, 32.7907

Triad

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



46.3293, 42.0600, 39.3948



35.1317, 42.0600, 35.1269



38.9971, 42.0600, 66.7068

Complementary

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



46.3293, 42.0600, 39.3948



50.1245, 59.4159, 71.1143

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.



36.0534, 42.0600, 61.8528



46.3293, 42.0600, 39.3948



33.9055, 42.0600, 43.0250

Square

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



46.3293, 42.0600, 39.3948



37.6742, 42.0600, 30.5782



34.2332, 42.0600, 52.8560



42.3713, 42.0600, 65.3743

Rectangle

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



46.3293, 42.0600, 39.3948



42.0987, 42.0600, 30.3694



34.2332, 42.0600, 52.8560



37.9274, 42.0600, 65.7222

Sweetspot

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



46.3304, 42.0619, 39.3957



86.8760, 88.0393, 92.6501



51.7803, 44.2408, 68.0979



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.



46.3304, 42.0619, 39.3957



66.1209, 57.6687, 51.3892



51.2493, 51.8996, 41.0353



12.4234, 12.4210, 12.9034



16.7621, 8.6414, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



50.1245, 59.4159, 71.1143



72.8759, 88.5661, 107.8617



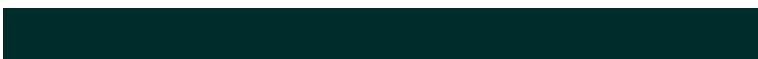
44.2465, 47.6599, 69.1549



12.7922, 14.1077, 15.9864



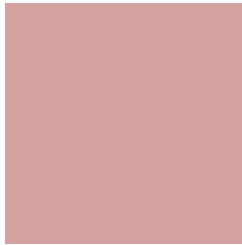
21.8684, 31.9986, 43.4769



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 46.3293, 42.0600, 39.3948 looks on a white background.

Color Contrast Check

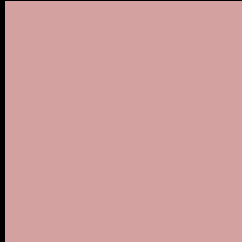
Large Text (above 18pt) WCAG AA × Fail

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 46.3293, 42.0600, 39.3948 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 46.3293, 42.0600, 39.3948

Background



This preview shows how black text looks on a background with the XYZ color 46.3293, 42.0600, 39.3948.



This preview shows how white text looks on a background with the XYZ color 46.3293, 42.0600,

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

46.3293, 42.0600, 39.3948

Protanopia

40.3716, 42.1793, 43.0594

Deuteranopia

43.1127, 42.2791, 39.1461



Tritanopia

47.2851, 41.9210, 44.6291

Trichromacy



Original Color

46.3293, 42.0600, 39.3948

Protanomaly

42.2147, 42.0397, 41.4868

Deuteranomaly

44.1574, 42.0049, 39.0381

Tritanomaly

47.0793, 42.1149, 42.6934

Monochromacy



Original Color

46.3293, 42.0600, 39.3948

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 46.3293, 42.0600, 39.3948 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(212, 161, 161) looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.3293, 42.0600, 39.3948 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(212, 161, 161) }
```


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

```
.border{ border-color:rgb(212, 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(212, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3293, 42.0600, 39.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 161, 161) }
```

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

```
.background{ background-color: rgb(212,  
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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