

Converting Colors

XYZ(46.1509, 41.9933, 40.0729)

Have a look what the booklet for
XYZ(46.1509, 41.9933, 40.0729)
contains.

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Color

**XYZ(46.1304, 41.9473,
39.8477)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A1A2
RGB	211, 161, 162
RGB Percent	83%, 63%, 64%
CMY	0.1725, 0.3686, 0.3647
CMYK	0.00, 0.24, 0.23, 0.17
HSL	359°, 36%, 73%
HSV	359°, 24%, 83%
XYZ	46.1304, 41.9473, 39.8477
YIQ	176.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

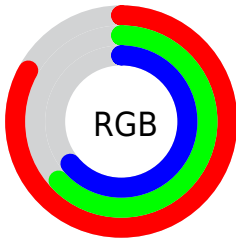
Format	Color
R _Y B	211, 161, 162
Decimal	13869474
CIE Lab	70.83, 18.65, 6.66
CIE LCh	71, 19.800, 19.647
Yxy	41.9473, 0.3606, 0.3279
Android (android.graphics.Color)	4292059554 (0xFFD3A1A2)
YUV	176.0640, -6.9336, 30.6389
Hunter-Lab	64.7667, 13.7956, 8.8586

Details

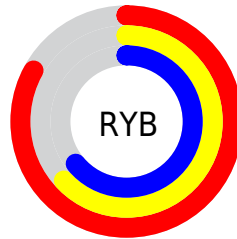
The XYZ color **46.1304, 41.9473, 39.8477** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6268, 58.8196, 69.7135**, and the grayscale version is **41.3254, 43.4776, 47.3471**.

A 20% lighter version of the original color is **78.3203, 75.3815, 76.0678**, and **21.9934, 19.1310, 17.2853** is the 20% darker color. If you saturate the color by 10%, you get **41.0600, 34.5101, 29.8219**, and if you desaturate by 10%, it is **52.1277, 50.7537, 51.6748**.

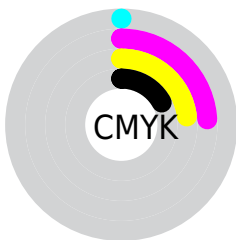
Distribution



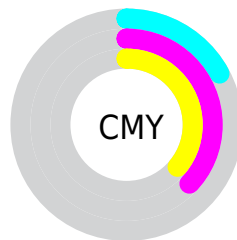
- Red (83%)
- Green (63%)
- Blue (64%)



- Red (83%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1304, 41.9473, 39.8477 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 46.1304, 41.9473, 39.8477 by changing the saturation by 10% instead.


 46.1304, 41.9473,
39.8477


 46.1304, 41.9473,
39.8477


362.0398,
354.2644, 361.0142

 32.5538, 29.0600,
27.1069


 83.6408, 78.1199,
76.1661

 21.9424, 19.1262,
17.4204

 108.3053,
102.1739, 100.5808

 13.9310, 11.7615,
10.3696


137.3964,
130.7191, 129.7239

 8.1541, 6.5815,
5.5359

171.2796,
164.1397, 164.0139

 4.2463, 3.2018,
2.5008

210.3202,
202.8201, 203.8694

 1.8424, 1.2380,
0.8406

254.8835,

 0.5430, 0.0924,

247.1448, 249.7090

0.0000

305.3349,
297.4981, 301.9510

■ 0.0000, 0.0000,
0.0000

■ 46.1304, 41.9473,
39.8477

■ 46.1304, 41.9473,
39.8477

■ 41.0600, 34.5101,
29.8219

■ 52.1277, 50.7537,
51.6748

■ 36.8670, 28.3680,
21.5066

■ 59.0911, 60.9869,
65.3828

■ 33.5026, 23.4486,
14.8071

■ 67.0619, 72.7086,
81.0495

■ 30.9119, 19.6702,
9.6185

■ 76.0780, 85.9749,
98.7476

■ 29.0335, 16.9412,
5.8235

■ 80.6740, 92.5889,
108.2272

■ 27.7963, 15.1557,
3.2875

■ 27.1150, 14.1859,
1.8493

■ 26.8871, 13.8581,
1.3784

Harmonies

Analogous

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



46.4235, 41.9473, 49.0081



46.1304, 41.9473, 39.8477



44.1085, 41.9473, 33.2091

Triad

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



46.1304, 41.9473, 39.8477



35.2396, 41.9473, 34.9163



38.7433, 41.9473, 65.9190

Complementary

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



46.1304, 41.9473, 39.8477



49.6268, 58.8196, 69.7135

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.



35.9115, 41.9473, 60.9214



46.1304, 41.9473, 39.8477



33.9636, 41.9473, 42.4937

Square

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



46.1304, 41.9473, 39.8477



37.7799, 41.9473, 30.6448



34.2027, 41.9473, 52.0411



42.0351, 41.9473, 64.9533

Rectangle

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



46.1304, 41.9473, 39.8477



42.1111, 41.9473, 30.7034



34.2027, 41.9473, 52.0411



37.7092, 41.9473, 64.8567

Sweetspot

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



46.1315, 41.9492, 39.8486



86.9277, 88.0593, 92.9241



50.8927, 43.7988, 67.3998



18.4639, 18.6393, 19.6097



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.



46.1315, 41.9492, 39.8486



67.0568, 58.8787, 53.7416



50.5080, 50.8432, 40.8724



11.8182, 11.8120, 12.3182



16.2308, 8.3651, 0.8554



0.9109, 0.4691, 0.0659

Inverse Universe

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



46.1315, 41.9492, 39.8486



67.0568, 58.8787, 53.7416



44.3696, 48.1061, 68.5750



11.8182, 11.8120, 12.3182



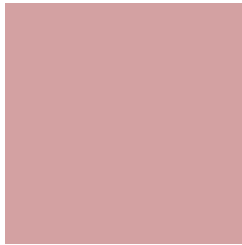
16.2308, 8.3651, 0.8554



0.9109, 0.4691, 0.0659

Previews

White Background



This preview shows how the XYZ color 46.1304, 41.9473, 39.8477 looks on a white background.

Color Contrast Check

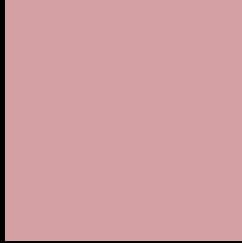
Large Text (above 18pt) WCAG AA × Fail

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 46.1304, 41.9473, 39.8477 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 46.1304, 41.9473, 39.8477

Background



This preview shows how black text looks on a background with the XYZ color 46.1304, 41.9473, 39.8477.



This preview shows how white text looks on a background with the XYZ color 46.1304, 41.9473,

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

46.1304, 41.9473, 39.8477

Protanopia

40.4651, 42.2167, 43.5520

Deuteranopia

42.9413, 42.1806, 39.5966



Tritanopia

46.9959, 41.7719, 44.6156

Trichromacy



Original Color

46.1304, 41.9473, 39.8477

Protanomaly

42.3061, 42.0763, 41.9682

Deuteranomaly

43.9756, 41.9010, 39.4881

Tritanomaly

46.7901, 41.9658, 42.6799

Monochromacy



Original Color

46.1304, 41.9473, 39.8477

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 46.1304, 41.9473, 39.8477 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 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(211, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.1304, 41.9473, 39.8477 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, 162) }
```


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

```
.border{ border-color:rgb(211, 161, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1304, 41.9473, 39.8477 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, 162) }
```

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

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