

Converting Colors

XYZ(46.1931, 38.2982, 40.0796)

Have a look what the booklet for
XYZ(46.1931, 38.2982, 40.0796)
contains.

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Color

**XYZ(46.1931, 38.2982,
40.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	DB92A4
RGB	219, 146, 164
RGB Percent	86%, 57%, 64%
CMY	0.1412, 0.4274, 0.3569
CMYK	0.00, 0.33, 0.25, 0.14
HSL	345°, 50%, 72%
HSV	345°, 33%, 86%
XYZ	46.1931, 38.2982, 40.0796
YIQ	169.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

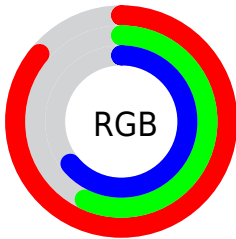
Format	Color
R _Y B	219, 146, 164
Decimal	14389924
CIE Lab	68.24, 30.01, 1.91
CIE LCh	68, 30.070, 3.635
Yxy	38.2982, 0.3708, 0.3074
Android (android.graphics.Color)	4292580004 (0xFFDB92A4)
YUV	169.8790, -2.8983, 43.0791
Hunter-Lab	61.8855, 24.9377, 4.9213

Details

The XYZ color **46.1931, 38.2982, 40.0796** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7298, 60.9919, 64.5184**, and the grayscale version is **38.1500, 40.1368, 43.7089**.

A 20% lighter version of the original color is **74.9128, 68.1478, 76.2233**, and **21.8276, 16.8566, 17.4324** is the 20% darker color. If you saturate the color by 10%, you get **41.7402, 31.6242, 31.7140**, and if you desaturate by 10%, it is **51.4882, 46.3464, 49.6807**.

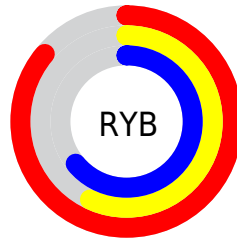
Distribution



Red (86%)

Green (57%)

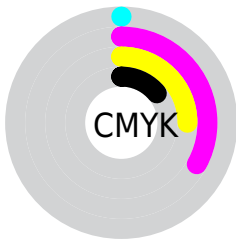
Blue (64%)



Red (86%)

Yellow (57%)

Blue (64%)

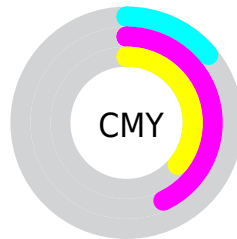


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (14%)



Cyan (14%)


Magenta (43%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1931, 38.2982, 40.0796 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 46.1931, 38.2982, 40.0796 by changing the saturation by 10% instead.


 46.1931, 38.2982,
40.0796


 46.1931, 38.2982,
40.0796


362.2874,
338.8974, 362.0210

 32.6035, 26.2142,
27.2864


 83.7340, 72.5650,
76.5231

 21.9806, 16.9840,
17.5541


 108.4160, 95.5165,
101.0105

 13.9592, 10.2231,
10.4642


137.5262,
122.8594, 130.2330

 8.1738, 5.5471,
5.5982

171.4300,
154.9780, 164.6091

 4.2591, 2.5717,
2.5375

210.4926,
192.2567, 204.5574

 1.8497, 0.9125,
0.8599

255.0795,

 0.5474, 0.0000,

235.0799, 250.4965

0.0000

305.5559,
283.8321, 302.8449

■ 0.0000, 0.0000,
0.0000

■ 46.1931, 38.2982,
40.0796

■ 46.1931, 38.2982,
40.0796

■ 41.7402, 31.6242,
31.7140

■ 51.4882, 46.3464,
49.6807

■ 38.0817, 26.2420,
24.5304

■ 57.6633, 55.8343,
60.5631

■ 35.1702, 22.0686,
18.4746

■ 64.7578, 66.8298,
72.7731

■ 32.9515, 19.0091,
13.4869

■ 72.8078, 79.3950,
86.3541

■ 31.3636, 16.9542,
9.5019

■ 81.6858, 93.2650,
101.2933

■ 30.3327, 15.7723,
6.4459

■ 83.0235, 93.8001,
108.3372

■ 29.8791, 15.3263,
4.8723

Harmonies

Analogous

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



45.1203, 38.2982, 54.2920



46.1931, 38.2982, 40.0796



44.4619, 38.2982, 28.9364

Triad

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



46.1931, 38.2982, 40.0796



31.6183, 38.2982, 23.6398



32.5311, 38.2982, 69.4771

Complementary

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



46.1931, 38.2982, 40.0796



47.7298, 60.9919, 64.5184

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.



29.3790, 38.2982, 57.7543



46.1931, 38.2982, 40.0796



28.8848, 38.2982, 31.2234

Square

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



46.1931, 38.2982, 40.0796



35.8309, 38.2982, 20.8251



28.1013, 38.2982, 43.3640



36.9777, 38.2982, 73.2566

Rectangle

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



46.1931, 38.2982, 40.0796



42.0310, 38.2982, 24.1279



28.1013, 38.2982, 43.3640



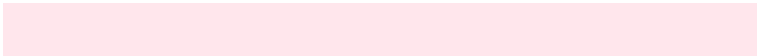
31.2981, 38.2982, 66.2267

Sweetspot

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



46.1942, 38.3000, 40.0804



84.5072, 83.6195, 90.8805



47.0866, 38.0571, 71.8820



17.7941, 17.4433, 18.9435



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.



46.1942, 38.3000, 40.0804



60.6818, 47.2627, 48.1207



47.7232, 43.7776, 33.1311



13.1870, 13.1039, 14.2462



17.7536, 9.1025, 3.0826



1.1845, 0.6034, 0.3803

Inverse Universe

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



46.1942, 38.3000, 40.0804



60.6818, 47.2627, 48.1207



45.4701, 52.8835, 74.8289



13.1870, 13.1039, 14.2462



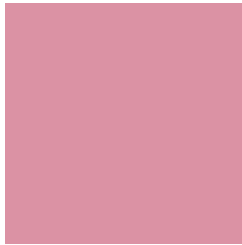
17.7536, 9.1025, 3.0826



1.1845, 0.6034, 0.3803

Previews

White Background



This preview shows how the XYZ color 46.1931, 38.2982, 40.0796 looks on a white background.

Color Contrast Check

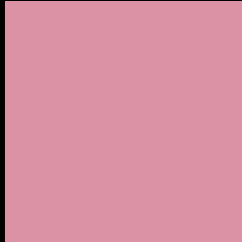
Large Text (above 18pt) WCAG AA × Fail

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 46.1931, 38.2982, 40.0796 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 46.1931, 38.2982, 40.0796

Background



This preview shows how black text looks on a background with the XYZ color 46.1931, 38.2982, 40.0796.



This preview shows how white text looks on a background with the XYZ color 46.1931, 38.2982,

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

46.1931, 38.2982, 40.0796

Protanopia

37.4090, 38.6225, 46.5575

Deuteranopia

39.1855, 38.3772, 39.0605



Tritanopia

45.5187, 38.2415, 37.3300

Trichromacy



Original Color

46.1931, 38.2982, 40.0796

Protanomaly

40.0942, 38.2139, 44.2926

Deuteranomaly

41.4360, 38.2559, 39.3826

Tritanomaly

45.6923, 38.3109, 38.2442

Monochromacy



Original Color

46.1931, 38.2982, 40.0796

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.5518, 39.0083, 42.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1931, 38.2982, 40.0796 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(219, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(219, 146, 164)  
}
```

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(219, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 146, 164) }
```

Border

The CSS property to change the border of an element to XYZ 46.1931, 38.2982, 40.0796 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(219, 146, 164) }
```


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

```
.border{ border-color:rgb(219, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(219, 146,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1931, 38.2982, 40.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 146, 164) }
```

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

```
.background{ background-color: rgb(219,  
146, 164) }
```

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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