

Converting Colors

XYZ(46.1174, 40.3891, 38.5353)

Have a look what the booklet for
XYZ(46.1174, 40.3891, 38.5353)
contains.

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Color

**XYZ(46.0908, 40.4278,
38.6318)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D79BA0 |
| RGB | 215, 155, 160 |
| RGB Percent | 84%, 61%, 63% |
| CMY | 0.1569, 0.3921, 0.3725 |
| CMYK | 0.00, 0.28, 0.26, 0.16 |
| HSL | 355°, 43%, 73% |
| HSV | 355°, 28%, 84% |
| XYZ | 46.0908, 40.4278, 38.6318 |
| YIQ | 173.5100, 34.1550, 14.2750 |

Conversions

Conversions Part 2

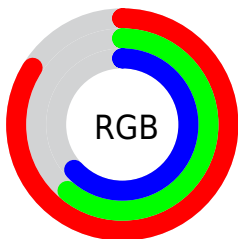
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 155, 160 |
| Decimal | 14130080 |
| CIE Lab | 69.77, 23.11, 6.30 |
| CIE LCh | 70, 23.952, 15.243 |
| Yxy | 40.4278, 0.3683, 0.3230 |
| Android (android.graphics.Color) | 4292320160 (0xFFD79BA0) |
| YUV | 173.5100, -6.6604, 36.3867 |
| Hunter-Lab | 63.5829, 18.1235, 8.4845 |

Details

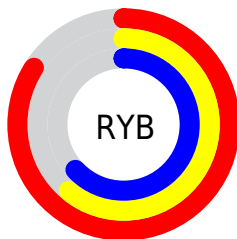
The XYZ color **46.0908, 40.4278, 38.6318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4525, 60.2235, 69.9936**, and the grayscale version is **40.0026, 42.0859, 45.8315**.

A 20% lighter version of the original color is **76.5523, 72.2595, 74.2027**, and **21.9086, 18.1756, 16.8215** is the 20% darker color. If you saturate the color by 10%, you get **41.2364, 33.2629, 29.1707**, and if you desaturate by 10%, it is **51.8578, 48.9799, 49.7466**.

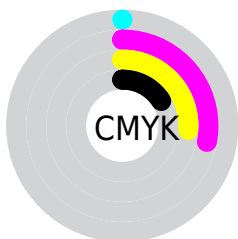
Distribution



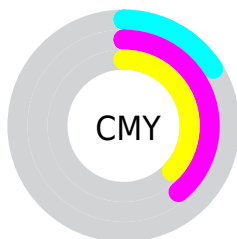
- Red (84%)
- Green (61%)
- Blue (63%)



- Red (84%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0908, 40.4278, 38.6318 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 46.0908, 40.4278, 38.6318 by changing the saturation by 10% instead.


 46.0908, 40.4278,
38.6318


 46.0908, 40.4278,
38.6318


361.8834,
347.9234, 355.7016

 32.5224, 27.8723,
26.1678


 83.5819, 75.8145,
74.2896

 21.9183, 18.2294,
16.7223


 108.2353, 99.4145,
98.3205

 13.9132, 11.1148,
9.8768

137.3145,
127.4647, 127.0441

 8.1416, 6.1441,
5.2128

171.1847,
160.3495, 160.8790

 4.2382, 2.9329,
2.3118

210.2113,
198.4534, 200.2436

 1.8378, 1.0968,
0.7378

254.7598,

 0.5403, 0.0000,

242.1608, 245.5566

0.0000

305.1953,
291.8560, 297.2364

■ 0.0000, 0.0000,
0.0000

■ 46.0908, 40.4278,
38.6318

■ 46.0908, 40.4278,
38.6318

■ 41.2364, 33.2629,
29.1707

■ 51.8578, 48.9799,
49.7466

■ 37.2447, 27.4069,
21.2820

■ 58.5774, 58.9808,
62.5863

■ 34.0660, 22.7821,
14.8809

■ 66.2913, 70.4956,
77.2209

■ 31.6441, 19.3005,
9.8741

■ 75.0377, 83.5835,
93.7158

■ 29.9158, 16.8626,
6.1571

■ 81.8344, 93.1871,
108.2815

■ 28.8072, 15.3515,
3.6112

■ 28.2184, 14.6030,
2.0921

■ 28.1328, 14.4905,
1.8823

Harmonies

Analogous

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



46.1093, 40.4278, 49.6951



46.0908, 40.4278, 38.6318



43.9274, 40.4278, 30.5108

Triad

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



46.0908, 40.4278, 38.6318



33.3624, 40.4278, 30.6112



36.5543, 40.4278, 68.1108

Complementary

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



46.0908, 40.4278, 38.6318



49.4525, 60.2235, 69.9936

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.



33.4031, 40.4278, 61.0208



46.0908, 40.4278, 38.6318



31.6464, 40.4278, 38.7924

Square

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



46.0908, 40.4278, 38.6318



36.4952, 40.4278, 26.4395



31.6608, 40.4278, 49.8851



40.4225, 40.4278, 68.0481

Rectangle

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



46.0908, 40.4278, 38.6318



41.6386, 40.4278, 27.3128



31.6608, 40.4278, 49.8851



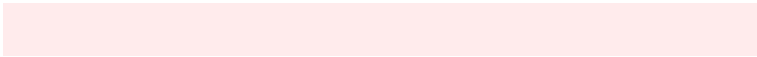
35.3819, 40.4278, 66.4386

Sweetspot

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



46.0919, 40.4297, 38.6326



86.0177, 86.5214, 91.7513



50.5665, 42.0525, 69.7419



18.0708, 18.0116, 18.9898



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.



46.0919, 40.4297, 38.6326



63.7961, 53.5378, 49.0157



50.2632, 49.4577, 37.9098



12.4648, 12.4374, 13.1220



16.8427, 8.6734, 1.2100



1.0308, 0.5291, 0.1515

Inverse Universe

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



46.0919, 40.4297, 38.6326



63.7961, 53.5378, 49.0157



44.1983, 48.7033, 71.3613



12.4648, 12.4374, 13.1220



16.8427, 8.6734, 1.2100



1.0308, 0.5291, 0.1515

Previews

White Background



This preview shows how the XYZ color 46.0908, 40.4278, 38.6318 looks on a white background.

Color Contrast Check

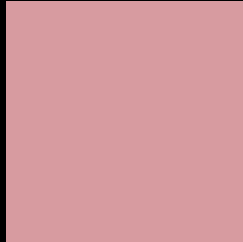
Large Text (above 18pt) WCAG AA × Fail

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 46.0908, 40.4278, 38.6318 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 46.0908, 40.4278, 38.6318

Background



This preview shows how black text looks on a background with the XYZ color 46.0908, 40.4278, 38.6318.



This preview shows how white text looks on a background with the XYZ color 46.0908, 40.4278,

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

46.0908, 40.4278, 38.6318

Protanopia

38.8982, 40.5753, 42.8274

Deuteranopia

41.3649, 40.5854, 38.0013



Tritanopia

46.7574, 40.4633, 41.4222

Trichromacy



Original Color

46.0908, 40.4278, 38.6318

Protanomaly

41.2329, 40.4457, 41.2309

Deuteranomaly

42.8223, 40.2723, 38.3172

Tritanomaly

46.5753, 40.3905, 40.4633

Monochromacy



Original Color

46.0908, 40.4278, 38.6318

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9664, 41.3208, 43.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0908, 40.4278, 38.6318 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(215, 155, 160)` looks like.

```
.text, #text, p{  
    color:rgb(215, 155, 160)  
}
```

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(215, 155, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 155, 160) }
```

Border

The CSS property to change the border of an element to XYZ 46.0908, 40.4278, 38.6318 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(215, 155, 160) }
```


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

```
.border{ border-color:rgb(215, 155, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 155, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 155, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 155, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 155,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0908, 40.4278, 38.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 155, 160) }
```

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

```
.background{ background-color: rgb(215,  
155, 160) }
```

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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