

Converting Colors

XYZ(45.3516, 38.7043, 39.5533)

Have a look what the booklet for
XYZ(45.3516, 38.7043, 39.5533)
contains.

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Color

**XYZ(45.5415, 38.9041,
39.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	D796A3
RGB	215, 150, 163
RGB Percent	84%, 59%, 64%
CMY	0.1569, 0.4117, 0.3608
CMYK	0.00, 0.30, 0.24, 0.16
HSL	348°, 45%, 72%
HSV	348°, 30%, 84%
XYZ	45.5415, 38.9041, 39.7593
YIQ	170.9170, 34.5670, 17.8230

Conversions

Conversions Part 2

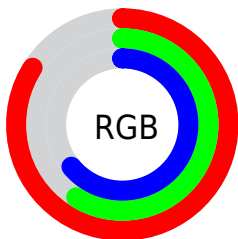
Format	Color
R _Y B	215, 150, 163
Decimal	14128803
CIE Lab	68.68, 26.25, 3.05
CIE LCh	69, 26.424, 6.631
Yxy	38.9041, 0.3667, 0.3132
Android (android.graphics.Color)	4292318883 (0xFFD796A3)
YUV	170.9170, -3.9031, 38.6608
Hunter-Lab	62.3732, 21.1780, 5.8672

Details

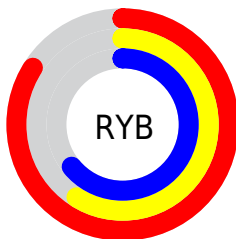
The XYZ color **45.5415, 38.9041, 39.7593** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5404, 59.3500, 64.8300**, and the grayscale version is **38.6748, 40.6889, 44.3102**.

A 20% lighter version of the original color is **75.7262, 69.9846, 75.8468**, and **21.5350, 17.2540, 17.2343** is the 20% darker color. If you saturate the color by 10%, you get **40.9824, 32.0867, 31.1460**, and if you desaturate by 10%, it is **50.9418, 47.0678, 49.6882**.

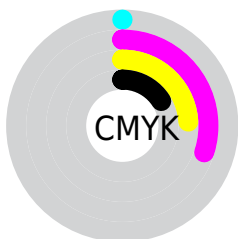
Distribution



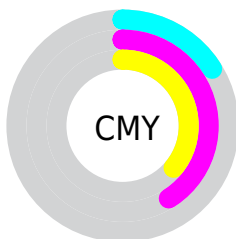
- Red (84%)
- Green (59%)
- Blue (64%)



- Red (84%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (16%)




- Cyan (16%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5415, 38.9041, 39.7593 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 45.5415, 38.9041, 39.7593 by changing the saturation by 10% instead.


 45.5415, 38.9041,
39.7593


 45.5415, 38.9041,
39.7593

359.7092,
341.4826, 360.6299

 32.0873, 26.6851,
27.0386


 82.7645, 73.4918,
76.0299

 21.5840, 17.3369,
17.3695


 107.2639, 96.6293,
100.4169

 13.6665, 10.4750,
10.3335


136.1758,
124.1751, 129.5297

 7.9692, 5.7150,
5.5122

169.8654,
156.5136, 163.7868

 4.1269, 2.6726,
2.4869

208.6983,
194.0293, 203.6069

 1.7742, 0.9633,
0.8332

253.0396,

 0.5020, 0.0000,

237.1064, 249.4084

0.0000

303.2548,
286.1293, 301.6099

0.0000, 0.0000,
0.0000

45.5415, 38.9041,
39.7593

45.5415, 38.9041,
39.7593

40.9824, 32.0867,
31.1460

50.9418, 47.0678,
49.6882

37.2185, 26.5380,
23.7901

57.2199, 56.6392,
60.9826

34.2040, 22.1805,
17.6325

64.4141, 67.6825,
73.6929

31.8873, 18.9262,
12.6085

72.5593, 80.2564,
87.8659

30.2098, 16.6749,
8.6467

80.8843, 92.8071,
103.2785

■ 29.1028, 15.3077,
5.6673

■ 81.8344, 93.1871,
108.2815

■ 28.4602, 14.6214,
3.6067

Harmonies

Analogous

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



44.8498, 38.9041, 52.1533



45.5415, 38.9041, 39.7593



43.8034, 38.9041, 30.0658

Triad

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



45.5415, 38.9041, 39.7593



32.3896, 38.9041, 26.4540



33.8824, 38.9041, 67.1744

Complementary

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



45.5415, 38.9041, 39.7593



47.5404, 59.3500, 64.8300

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.



30.8997, 38.9041, 57.6178



45.5415, 38.9041, 39.7593



30.0843, 38.9041, 33.8764

Square

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



45.5415, 38.9041, 39.7593



36.0576, 38.9041, 23.3754



29.5601, 38.9041, 45.0716



37.9123, 38.9041, 69.5584

Rectangle

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



45.5415, 38.9041, 39.7593



41.5725, 38.9041, 25.9092



29.5601, 38.9041, 45.0716



32.7336, 38.9041, 64.6171

Sweetspot

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



45.5426, 38.9059, 39.7601



85.3440, 85.0947, 91.7712



47.5305, 39.2775, 69.3663



17.9540, 17.7345, 19.0851



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.



45.5426, 38.9059, 39.7601



62.7703, 50.8845, 50.5287



47.8118, 45.2131, 35.0635



12.5238, 12.4610, 13.4324



17.0530, 8.7575, 2.3172



1.0585, 0.5402, 0.2974

Inverse Universe

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



45.5426, 38.9059, 39.7601



62.7703, 50.8845, 50.5287



44.4722, 50.6463, 71.7219



12.5238, 12.4610, 13.4324



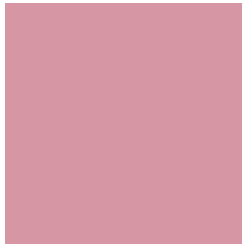
17.0530, 8.7575, 2.3172



1.0585, 0.5402, 0.2974

Previews

White Background



This preview shows how the XYZ color 45.5415, 38.9041, 39.7593 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 45.5415, 38.9041, 39.7593 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 45.5415, 38.9041, 39.7593

Background



This preview shows how black text looks on a background with the XYZ color 45.5415, 38.9041, 39.7593.



This preview shows how white text looks on a background with the XYZ color 45.5415, 38.9041,

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

45.5415, 38.9041, 39.7593

Protanopia

37.7237, 39.0896, 45.0920

Deuteranopia

39.8469, 38.9787, 39.1417



Tritanopia

45.4523, 38.8684, 39.2892

Trichromacy



Original Color

45.5415, 38.9041, 39.7593

Protanomaly

40.1560, 38.7934, 42.9075

Deuteranomaly

41.7744, 38.9327, 39.4954

Tritanomaly

45.4523, 38.8684, 39.2892

Monochromacy



Original Color

45.5415, 38.9041, 39.7593

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.6586, 39.5863, 42.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5415, 38.9041, 39.7593 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, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 150, 163)  
}
```

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, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 150, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.5415, 38.9041, 39.7593 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, 150, 163) }
```


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

```
.border{ border-color:rgb(215, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 150,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5415, 38.9041, 39.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 150, 163) }
```

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

```
.background{ background-color: rgb(215,  
150, 163) }
```

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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