

Converting Colors

XYZ(41.4215, 40.4831, 38.8396)

Have a look what the booklet for
XYZ(41.4215, 40.4831, 38.8396)
contains.

XYZ(41.5385, 40.6548, 38.9156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5385, 40.6548,
38.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5A0
RGB	192, 165, 160
RGB Percent	75%, 65%, 63%
CMY	0.2471, 0.3529, 0.3725
CMYK	0.00, 0.14, 0.17, 0.25
HSL	9°, 20%, 69%
HSV	9°, 17%, 75%
XYZ	41.5385, 40.6548, 38.9156
YIQ	172.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

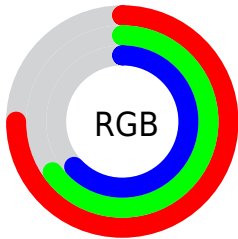
Format	Color
RYB	192, 166, 160
Decimal	12625312
CIELab	69.93, 9.04, 6.23
CIElCh	70, 10.974, 34.576
Yxy	40.6548, 0.3430, 0.3357
Android (android.graphics.Color)	4290815392 (0xFFC0A5A0)
YUV	172.5030, -6.1640, 17.0989
Hunter-Lab	63.7611, 4.7056, 8.4461

Details

The XYZ color **41.5385, 40.6548, 38.9156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7816, 46.8189, 56.7043**, and the grayscale version is **39.4926, 41.5493, 45.2471**.

A 20% lighter version of the original color is **76.9259, 76.2324, 74.9499**, and **19.1467, 18.3177, 16.9945** is the 20% darker color. If you saturate the color by 10%, you get **37.2482, 34.5575, 29.8289**, and if you desaturate by 10%, it is **46.4605, 47.5996, 49.4936**.

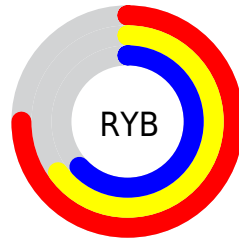
Distribution



Red (75%)

Green (65%)

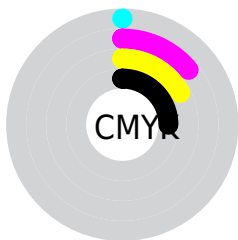
Blue (63%)



Red (75%)

Yellow (65%)

Blue (63%)

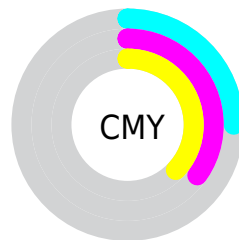


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5385, 40.6548, 38.9156 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 41.5385, 40.6548, 38.9156 by changing the saturation by 10% instead.


 41.5385, 40.6548,
38.9156


 41.5385, 40.6548,
38.9156


343.5905,
348.8758, 356.9468

 28.9296, 28.0495,
26.3867


 76.7702, 76.1596,
74.7283

 19.1716, 18.3629,
16.8848

 100.1238, 99.8278,
98.8492

 11.8991, 11.2109,
9.9913


127.7897,
127.9525, 127.6712

 6.7467, 6.2089,
5.2877

160.1332,
160.9179, 161.6129

 3.3491, 2.9725,
2.3553

197.5196,
199.1086, 201.0927

 1.3410, 1.1174,
0.7620

240.3144,

 0.2136, 0.0000,

242.9089, 246.5293

0.0000

288.8830,
292.7031, 298.3411

■ 0.0000, 0.0000,
0.0000

■ 41.5385, 40.6548,
38.9156

■ 41.5385, 40.6548,
38.9156

■ 37.2482, 34.5575,
29.8289

■ 46.4605, 47.5996,
49.4936

■ 33.5606, 29.2700,
22.1639

■ 52.0351, 55.4170,
61.6232

■ 30.4495, 24.7596,
15.8492

■ 58.2862, 64.1378,
75.3644

■ 27.8851, 20.9895,
10.8061

■ 65.2356, 73.7897,
90.7734

■ 25.8353, 17.9197,
6.9478

■ 72.7424, 84.3345,
107.0520

■ 24.2643, 15.5067,
4.1768

■ 75.5483, 89.9465,
107.9873

■ 23.1314, 13.7015,
2.3796

■ 22.3869, 12.4476,
1.4065

■ 22.2032, 12.1362,
1.1723

Harmonies

Analogous

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



42.1667, 40.6548, 43.4860



41.5385, 40.6548, 38.9156



40.1344, 40.6548, 35.9638

Triad

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



41.5385, 40.6548, 38.9156



35.6216, 40.6548, 40.1764



38.9158, 40.6548, 54.8124

Complementary

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



41.5385, 40.6548, 38.9156



41.7816, 46.8189, 56.7043

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.



37.1854, 40.6548, 53.7570



41.5385, 40.6548, 38.9156



35.3178, 40.6548, 45.0556

Square

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



41.5385, 40.6548, 38.9156



36.7247, 40.6548, 36.6514



35.8818, 40.6548, 50.0860



40.6232, 40.6548, 52.8687

Rectangle

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



41.5385, 40.6548, 38.9156



38.9667, 40.6548, 35.1786



35.8818, 40.6548, 50.0860



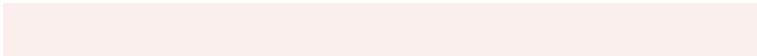
38.3175, 40.6548, 54.7978

Sweetspot

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



41.5396, 40.6566, 38.9165



85.7055, 88.3869, 92.9746



43.3005, 39.9451, 52.5544



18.2401, 18.7559, 19.6285



92.9021, 97.7402, 106.4391



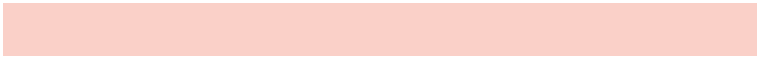
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5396, 40.6566, 38.9165



72.2958, 69.4545, 64.1902



44.5670, 46.7114, 39.9256



10.1976, 10.3266, 10.5176



14.9777, 8.2411, 0.8013



0.6883, 0.4383, 0.0483

Inverse Universe

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



41.7816, 46.8189, 56.7043



72.8151, 82.7191, 102.4889



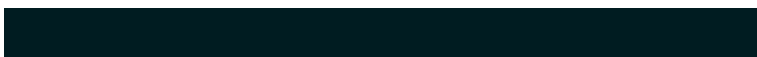
38.6129, 40.4813, 55.6480



10.2301, 11.1515, 12.8981



15.1404, 20.0372, 36.6262



0.6911, 0.9396, 1.5948

Previews

White Background



This preview shows how the XYZ color 41.5385, 40.6548, 38.9156 looks on a white background.

Color Contrast Check

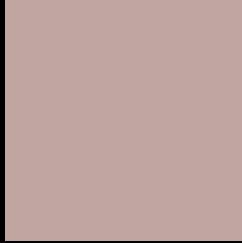
Large Text (above 18pt) WCAG AA × Fail

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 41.5385, 40.6548, 38.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

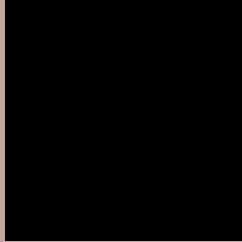
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5385, 40.6548, 38.9156

Background



This preview shows how black text looks on a background with the XYZ color 41.5385, 40.6548, 38.9156.



This preview shows how white text looks on a background with the XYZ color 41.5385, 40.6548,

38.9156.

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

41.5385, 40.6548, 38.9156

Protanopia

38.8901, 40.6239, 40.4418

Deuteranopia

41.5385, 40.6548, 38.9156



Tritanopia

43.0832, 40.7589, 46.1540

Trichromacy



Original Color

41.5385, 40.6548, 38.9156

Protanomaly

39.8156, 40.5590, 39.9126

Deuteranomaly

41.5385, 40.6548, 38.9156

Tritanomaly

42.5235, 40.7907, 43.6624

Monochromacy



Original Color

41.5385, 40.6548, 38.9156

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2650, 41.2799, 42.8914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5385, 40.6548, 38.9156 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(192, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 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(192, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 160) }
```

Border

The CSS property to change the border of an element to XYZ 41.5385, 40.6548, 38.9156 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(192, 165, 160) }
```


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

```
.border{ border-color:rgb(192, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5385, 40.6548, 38.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 160) }
```

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

```
.background{ background-color: rgb(192,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor