

Converting Colors

XYZ(41.3674, 38.3084, 31.8261)

Have a look what the booklet for
XYZ(41.3674, 38.3084, 31.8261)
contains.

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Color

**XYZ(41.3564, 38.3778,
32.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9C91
RGB	202, 156, 145
RGB Percent	79%, 61%, 57%
CMY	0.2078, 0.3882, 0.4314
CMYK	0.00, 0.23, 0.28, 0.21
HSL	12°, 35%, 68%
HSV	12°, 28%, 79%
XYZ	41.3564, 38.3778, 32.0160
YIQ	168.5000, 30.9470, 6.3310

Conversions

Conversions Part 2

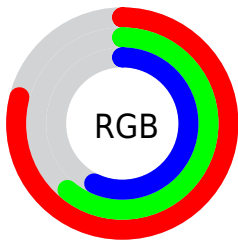
Format	Color
R _Y B	202, 159, 145
Decimal	13278353
CIE Lab	68.30, 15.53, 12.35
CIE LCh	68, 19.839, 38.490
Yxy	38.3778, 0.3701, 0.3434
Android (android.graphics.Color)	4291468433 (0xFFCA9C91)
YUV	168.5000, -11.5855, 29.3795
Hunter-Lab	61.9498, 10.7507, 12.7235

Details

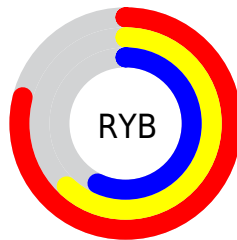
The XYZ color **41.3564, 38.3778, 32.0160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9680, 47.5441, 62.8949**, and the grayscale version is **37.5107, 39.4642, 42.9765**.

A 20% lighter version of the original color is **74.8431, 71.9721, 63.9802**, and **19.1498, 17.1324, 13.1241** is the 20% darker color. If you saturate the color by 10%, you get **37.3811, 32.7022, 23.6775**, and if you desaturate by 10%, it is **45.9778, 44.9020, 41.9371**.

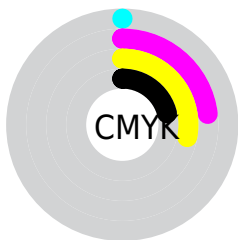
Distribution



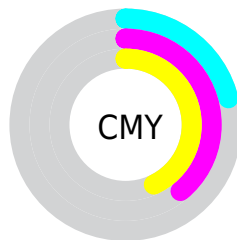
- Red (79%)
- Green (61%)
- Blue (57%)



- Red (79%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3564, 38.3778, 32.0160 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 41.3564, 38.3778, 32.0160 by changing the saturation by 10% instead.


 41.3564, 38.3778,
32.0160


 41.3564, 38.3778,
32.0160


342.8452,
339.2379, 325.6871

 28.7866, 26.2760,
21.1088


 76.4959, 72.6868,
63.9344

 19.0629, 17.0303,
13.0115


 99.7963, 95.6629,
85.7826

 11.8200, 10.2561,
7.3057


127.4043,
123.0325, 112.1150

 6.6926, 5.5691,
3.5727

159.6852,
155.1801, 143.3500

 3.3152, 2.5849,
1.3940

197.0044,
192.4900, 179.9061

 1.3226, 0.9191,
0.1370

239.7272,

 0.2000, 0.0000,

235.3467, 222.2020

0.0000

288.2190,
284.1345, 270.6562

■ 0.0000, 0.0000,
0.0000

■ 41.3564, 38.3778,
32.0160

■ 41.3564, 38.3778,
32.0160

■ 37.3811, 32.7022,
23.6775

■ 45.9778, 44.9020,
41.9371

■ 34.0197, 27.8348,
16.8370

■ 51.2695, 52.3021,
53.5145

■ 31.2417, 23.7401,
11.4058

■ 57.2582, 60.6112,
66.8202

■ 29.0127, 20.3777,
7.2847

■ 63.9684, 69.8586,
81.9212

■ 27.2943, 17.7035,
4.3615

■ 71.4231, 80.0727,
98.8810

■ 26.0433, 15.6683,
2.5050

■ 77.7878, 90.5378,
107.9834

■ 25.2014, 14.2135,
1.5186

■ 78.1672, 91.2966,
108.1099

■ 25.0826, 14.0074,
1.3817

Harmonies

Analogous

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



42.7113, 38.3778, 39.3112



41.3564, 38.3778, 32.0160



38.7119, 38.3778, 27.8030

Triad

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



41.3564, 38.3778, 32.0160



31.1957, 38.3778, 35.8213



37.3662, 38.3778, 61.0990

Complementary

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



41.3564, 38.3778, 32.0160



40.9680, 47.5441, 62.8949

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.



34.3297, 38.3778, 59.8144



41.3564, 38.3778, 32.0160



30.8808, 38.3778, 44.3645

Square

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



41.3564, 38.3778, 32.0160



32.8832, 38.3778, 29.7731



31.9972, 38.3778, 53.3674



40.3234, 38.3778, 56.6627

Rectangle

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



41.3564, 38.3778, 32.0160



36.6346, 38.3778, 26.9089



31.9972, 38.3778, 53.3674



36.3197, 38.3778, 61.3332

Sweetspot

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



41.3574, 38.3796, 32.0168



86.9091, 88.6981, 90.8344



43.9474, 36.5936, 54.3554



18.2932, 18.5545, 18.7616



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.



41.3574, 38.3796, 32.0168



65.6927, 58.8121, 45.0820



46.5983, 48.8614, 33.7637



11.3847, 11.5584, 11.7104



16.1900, 9.1129, 0.9057



0.8887, 0.5771, 0.0646

Inverse Universe

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



40.9680, 47.5441, 62.8949



64.9134, 76.8797, 106.0257



35.4442, 36.4966, 61.0537



11.3521, 12.3446, 14.3548



15.3508, 19.7256, 38.9546



0.8404, 1.1145, 2.0258

Previews

White Background



This preview shows how the XYZ color 41.3564, 38.3778, 32.0160 looks on a white background.

Color Contrast Check

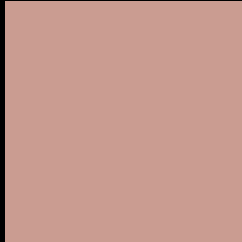
Large Text (above 18pt) WCAG AA × Fail

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 41.3564, 38.3778, 32.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

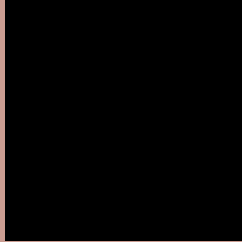
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3564, 38.3778, 32.0160

Background



This preview shows how black text looks on a background with the XYZ color 41.3564, 38.3778, 32.0160.



This preview shows how white text looks on a background with the XYZ color 41.3564, 38.3778,

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

41.3564, 38.3778, 32.0160

Protanopia

36.5968, 38.4731, 34.3514

Deuteranopia

39.2648, 38.5797, 31.7627



Tritanopia

43.0846, 38.3364, 40.7262

Trichromacy



Original Color

41.3564, 38.3778, 32.0160

Protanomaly

38.0328, 38.1691, 33.3798

Deuteranomaly

39.9379, 38.4120, 31.6949

Tritanomaly

42.3558, 38.2763, 37.5034

Monochromacy



Original Color

41.3564, 38.3778, 32.0160

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6767, 38.9127, 38.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3564, 38.3778, 32.0160 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(202, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 145)  
}
```

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(202, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.3564, 38.3778, 32.0160 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(202, 156, 145) }
```


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

```
.border{ border-color:rgb(202, 156, 145) }
```

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

Here you see how a box with a 4 pixel rgb(202, 156, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3564, 38.3778, 32.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 145) }
```

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

```
.background{ background-color: rgb(202,  
156, 145) }
```

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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