

Converting Colors

XYZ(40.3116, 35.7588, 38.4957)

Have a look what the booklet for
XYZ(40.3116, 35.7588, 38.4957)
contains.

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Color

**XYZ(40.3116, 35.7588,
38.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	C694A1
RGB	198, 148, 161
RGB Percent	78%, 58%, 63%
CMY	0.2235, 0.4196, 0.3686
CMYK	0.00, 0.25, 0.19, 0.22
HSL	344°, 30%, 68%
HSV	344°, 25%, 78%
XYZ	40.3116, 35.7588, 38.4957
YIQ	164.4320, 25.6270, 14.6430

Conversions

Conversions Part 2

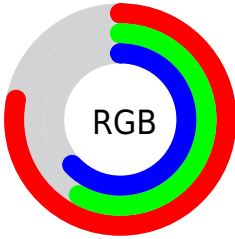
Format	Color
RYB	198, 148, 161
Decimal	13014177
CIELab	66.34, 20.77, 0.54
CIElCh	66, 20.779, 1.479
Yxy	35.7588, 0.3519, 0.3121
Android (android.graphics.Color)	4291204257 (0xFFC694A1)
YUV	164.4320, -1.6920, 29.4391
Hunter-Lab	59.7987, 15.6831, 3.6908

Details

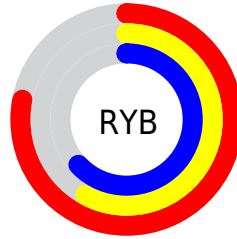
The XYZ color **40.3116, 35.7588, 38.4957** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1652, 50.1877, 53.4189**, and the grayscale version is **35.4926, 37.3409, 40.6643**.

A 20% lighter version of the original color is **74.7552, 68.4589, 74.2396**, and **18.4169, 15.5148, 16.7758** is the 20% darker color. If you saturate the color by 10%, you get **36.2502, 29.5839, 31.1359**, and if you desaturate by 10%, it is **45.0578, 43.0601, 46.8317**.

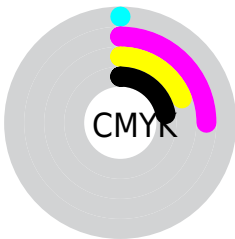
Distribution



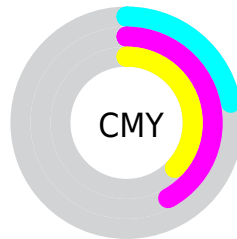
- Red (78%)
- Green (58%)
- Blue (63%)



- Red (78%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3116, 35.7588, 38.4957 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 40.3116, 35.7588, 38.4957 by changing the saturation by 10% instead.


 40.3116, 35.7588,
38.4957


 40.3116, 35.7588,
38.4957

338.5471,
327.9051, 355.1034

 27.9669, 24.2480,
26.0628


 74.9191, 68.6596,
74.0791

 18.4410, 15.5177,
16.6445


 97.9126, 90.8184,
98.0667

 11.3687, 9.1835,
9.8221


125.1864,
117.2953, 126.7430

 6.3845, 4.8611,
5.1771

157.1058,
148.4747, 160.5265

 3.1231, 2.1660,
2.2910

194.0362,
184.7409, 199.8358

 1.2192, 0.7013,
0.7262

236.3430,

 0.1215, 0.0000,

226.4785, 245.0893

0.0000

284.3915,
274.0717, 296.7057

0.0000, 0.0000,
0.0000

40.3116, 35.7588,
38.4957

40.3116, 35.7588,
38.4957

36.2502, 29.5839,
31.1359

45.0578, 43.0601,
46.8317

32.8382, 24.4742,
24.7137

50.5157, 51.5349,
56.1762

30.0417, 20.3703,
19.1910

56.7146, 61.2339,
66.5627

27.8225, 17.2051,
14.5261

63.6812, 72.2031,
78.0223

26.1378, 14.9030,
10.6741

71.4408, 84.4864,
90.5851

■ 24.9385, 13.3767,
7.5852

■ 76.1352, 90.3604,
102.9855

■ 24.1656, 12.5199,
5.2034

■ 77.0988, 90.7458,
108.0599

■ 23.8967, 12.2490,
4.2913

Harmonies

Analogous

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



39.5074, 35.7588, 47.6827



40.3116, 35.7588, 38.4957



39.3374, 35.7588, 30.6724

Triad

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



40.3116, 35.7588, 38.4957



30.9647, 35.7588, 26.0987



31.2161, 35.7588, 55.9723

Complementary

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



40.3116, 35.7588, 38.4957



41.1652, 50.1877, 53.4189

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.



29.1464, 35.7588, 48.5628



40.3116, 35.7588, 38.4957



29.0076, 35.7588, 31.3289

Square

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



40.3116, 35.7588, 38.4957



33.8338, 35.7588, 24.2227



28.3623, 35.7588, 39.3781



34.1420, 35.7588, 58.6495

Rectangle

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



40.3116, 35.7588, 38.4957



37.8429, 35.7588, 27.0322



28.3623, 35.7588, 39.3781



30.4036, 35.7588, 53.9020

Sweetspot

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



40.3126, 35.7604, 38.4964



86.5477, 86.7334, 94.5421



40.7114, 35.5317, 58.1389



18.2032, 18.0646, 19.6870



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.



40.3126, 35.7604, 38.4964



67.4977, 57.3952, 61.1805



41.1483, 39.1716, 33.4112



10.7452, 10.6814, 11.6413



15.5708, 7.9779, 2.9496



0.7680, 0.3900, 0.3013

Inverse Universe

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



40.3126, 35.7604, 38.4964



67.4977, 57.3952, 61.1805



40.0363, 45.6326, 60.1241



10.7452, 10.6814, 11.6413



15.5708, 7.9779, 2.9496



0.7680, 0.3900, 0.3013

Previews

White Background



This preview shows how the XYZ color 40.3116, 35.7588, 38.4957 looks on a white background.

Color Contrast Check

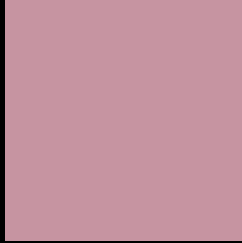
Large Text (above 18pt) WCAG AA × Fail

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 40.3116, 35.7588, 38.4957 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 40.3116, 35.7588, 38.4957

Background



This preview shows how black text looks on a background with the XYZ color 40.3116, 35.7588, 38.4957.



This preview shows how white text looks on a background with the XYZ color 40.3116, 35.7588,

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

40.3116, 35.7588, 38.4957

Protanopia

34.7130, 35.9983, 42.1646

Deuteranopia

36.5066, 35.7451, 37.7763



Tritanopia

40.2238, 35.7236, 38.0330

Trichromacy



Original Color

40.3116, 35.7588, 38.4957

Protanomaly

36.3592, 35.6075, 40.5539

Deuteranomaly

37.7440, 35.6348, 38.1466

Tritanomaly

40.2238, 35.7236, 38.0330

Monochromacy



Original Color

40.3116, 35.7588, 38.4957

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7422, 36.3282, 39.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3116, 35.7588, 38.4957 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(198, 148, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 161)  
}
```

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(198, 148, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.3116, 35.7588, 38.4957 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(198, 148, 161) }
```


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

```
.border{ border-color:rgb(198, 148, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3116, 35.7588, 38.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 161) }
```

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

```
.background{ background-color: rgb(198,  
148, 161) }
```

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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