

Converting Colors

XYZ(41.7040, 40.7799, 37.1258)

Have a look what the booklet for
XYZ(41.7040, 40.7799, 37.1258)
contains.

XYZ(41.7040, 40.7799, 37.1258)	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(41.7040, 40.7799,
37.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A59C
RGB	194, 165, 156
RGB Percent	76%, 65%, 61%
CMY	0.2392, 0.3529, 0.3882
CMYK	0.00, 0.15, 0.20, 0.24
HSL	14°, 24%, 69%
HSV	14°, 20%, 76%
XYZ	41.7040, 40.7799, 37.1258
YIQ	172.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

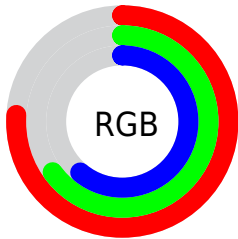
Format	Color
RYB	194, 168, 156
Decimal	12756380
CIELab	70.02, 9.16, 8.59
CIELCh	70, 12.557, 43.162
Yxy	40.7799, 0.3487, 0.3409
Android (android.graphics.Color)	4290946460 (0xFFC2A59C)
YUV	172.6450, -8.2060, 18.7283
Hunter-Lab	63.8591, 4.8181, 10.2320

Details

The XYZ color **41.7040, 40.7799, 37.1258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7965, 45.6597, 57.7022**, and the grayscale version is **39.5739, 41.6348, 45.3403**.

A 20% lighter version of the original color is **77.0097, 76.3488, 71.6507**, and **19.2701, 18.4056, 15.9016** is the 20% darker color. If you saturate the color by 10%, you get **37.6736, 35.1411, 28.3145**, and if you desaturate by 10%, it is **46.3082, 47.1455, 47.4237**.

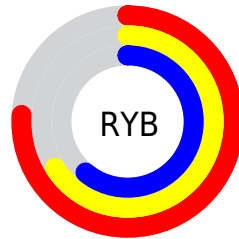
Distribution



Red (76%)

Green (65%)

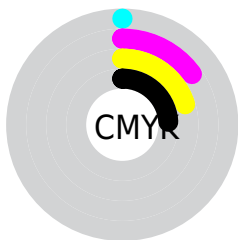
Blue (61%)



Red (76%)

Yellow (66%)

Blue (61%)

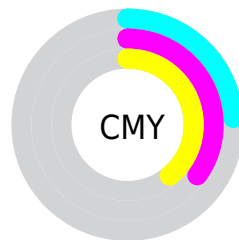


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7040, 40.7799, 37.1258 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 41.7040, 40.7799, 37.1258 by changing the saturation by 10% instead.

 41.7040, 40.7799,
37.1258


 41.7040, 40.7799,
37.1258


344.2670,
349.3999, 349.0399

 29.0597, 28.1471,
25.0084


 77.0194, 76.3497,
71.9547

 19.2705, 18.4366,
15.8642


 100.4212,
100.0555, 95.5033

 11.9710, 11.2639,
9.2748


128.1396,
128.2211, 123.6993

 6.7960, 6.2446,
4.8216

160.5399,
161.2308, 156.9613

 3.3801, 2.9944,
2.0861

197.9874,
199.4692, 195.7078

 1.3578, 1.1288,
0.6075

240.8475,

 0.2258, 0.0024,

243.3206, 240.3574

0.0000

289.4856,
293.1693, 291.3286

■ 0.0000, 0.0000,
0.0000

■ 41.7040, 40.7799,
37.1258

■ 41.7040, 40.7799,
37.1258

■ 37.6736, 35.1411,
28.3145

■ 46.3082, 47.1455,
47.4237

■ 34.1906, 30.1977,
20.9184

■ 51.5043, 54.2569,
59.2702

■ 31.2317, 25.9239,
14.8639

■ 57.3140, 62.1396,
72.7267

■ 28.7704, 22.2903,
10.0695

■ 63.7567, 70.8158,
87.8506

■ 26.7777, 19.2653,
6.4451

■ 70.8510, 80.3071,
104.6964

■ 25.2217, 16.8142,
3.8882

■ 75.6846, 89.4621,
107.8867

■ 24.0655, 14.8989,
2.2786

■ 76.0582, 90.2094,
108.0112

■ 23.2523, 13.4706,
1.3975

■ 23.2239, 13.4208,
1.3664

Harmonies

Analogous

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



42.7224, 40.7799, 41.8835



41.7040, 40.7799, 37.1258



39.9120, 40.7799, 34.4591

Triad

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



41.7040, 40.7799, 37.1258



35.1119, 40.7799, 41.2150



39.6637, 40.7799, 56.3141

Complementary

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



41.7040, 40.7799, 37.1258



40.7965, 45.6597, 57.7022

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.



37.6305, 40.7799, 56.0950



41.7040, 40.7799, 37.1258



35.0507, 40.7799, 47.0202

Square

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



41.7040, 40.7799, 37.1258



36.1282, 40.7799, 36.6736



35.9581, 40.7799, 52.5726



41.5167, 40.7799, 53.1472

Rectangle

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



41.7040, 40.7799, 37.1258



38.5433, 40.7799, 34.0668



35.9581, 40.7799, 52.5726



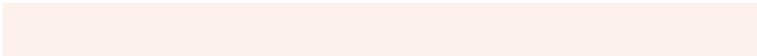
38.9777, 40.7799, 56.6418

Sweetspot

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



41.7051, 40.7817, 37.1267



87.0618, 89.7583, 93.0895



42.9080, 38.7552, 51.1921



18.9311, 19.4717, 20.0799



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.



41.7051, 40.7817, 37.1267



71.9310, 68.8267, 59.2828



45.3620, 48.0956, 38.3456



10.2626, 10.4567, 10.5393



15.3227, 8.9311, 0.9163



0.7173, 0.4963, 0.0580

Inverse Universe

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



40.7965, 45.6597, 57.7022



69.9474, 79.4493, 104.1184



37.1089, 38.2844, 56.4730



10.1598, 11.0108, 12.8747



13.4338, 16.6242, 36.0574



0.6306, 0.8186, 1.5747

Previews

White Background



This preview shows how the XYZ color 41.7040, 40.7799, 37.1258 looks on a white background.

Color Contrast Check

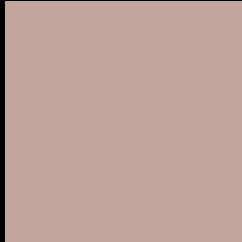
Large Text (above 18pt) WCAG AA × Fail

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 41.7040, 40.7799, 37.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

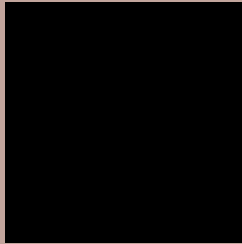
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7040, 40.7799, 37.1258

Background



This preview shows how black text looks on a background with the XYZ color 41.7040, 40.7799, 37.1258.



This preview shows how white text looks on a background with the XYZ color 41.7040, 40.7799,

37.1258.

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

41.7040, 40.7799, 37.1258

Protanopia

38.9524, 40.9761, 38.6571

Deuteranopia

41.4482, 40.6480, 37.1138



Tritanopia

43.4231, 40.6716, 46.1192

Trichromacy



Original Color

41.7040, 40.7799, 37.1258

Protanomaly

39.8880, 40.9118, 38.1422

Deuteranomaly

41.4482, 40.6480, 37.1138

Tritanomaly

42.6708, 40.6236, 42.6379

Monochromacy



Original Color

41.7040, 40.7799, 37.1258

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4058, 41.3632, 42.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7040, 40.7799, 37.1258 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(194, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 156)  
}
```

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(194, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.7040, 40.7799, 37.1258 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(194, 165, 156) }
```


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

```
.border{ border-color:rgb(194, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7040, 40.7799, 37.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 156) }
```

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

```
.background{ background-color: rgb(194,  
165, 156) }
```

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