

Converting Colors

XYZ(42.4477, 40.8375, 37.9936)

Have a look what the booklet for
XYZ(42.4477, 40.8375, 37.9936)
contains.

XYZ(42.4730, 40.8899, 38.0017)	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(42.4730, 40.8899,
38.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A49E
RGB	197, 164, 158
RGB Percent	77%, 64%, 62%
CMY	0.2274, 0.3568, 0.3804
CMYK	0.00, 0.17, 0.20, 0.23
HSL	9°, 25%, 70%
HSV	9°, 20%, 77%
XYZ	42.4730, 40.8899, 38.0017
YIQ	173.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

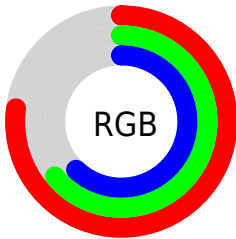
Format	Color
RYB	197, 165, 158
Decimal	12952734
CIELab	70.10, 11.15, 7.63
CIElCh	70, 13.510, 34.400
Yxy	40.8899, 0.3500, 0.3369
Android (android.graphics.Color)	4291142814 (0xFFC5A49E)
YUV	173.1830, -7.4852, 20.8875
Hunter-Lab	63.9452, 6.6572, 9.5265

Details

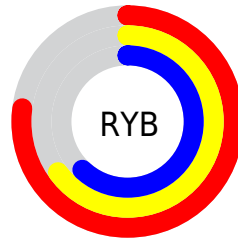
The XYZ color **42.4730, 40.8899, 38.0017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8090, 48.5607, 59.9405**, and the grayscale version is **39.8441, 41.9191, 45.6499**.

A 20% lighter version of the original color is **78.2148, 76.5380, 73.6017**, and **19.7757, 18.4895, 16.4365** is the 20% darker color. If you saturate the color by 10%, you get **38.1217, 34.6867, 28.8452**, and if you desaturate by 10%, it is **47.4893, 47.9874, 48.7219**.

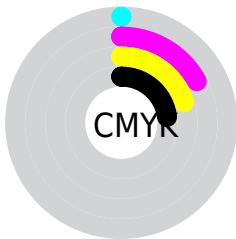
Distribution



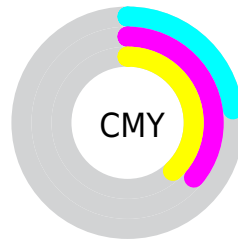
- Red (77%)
- Green (64%)
- Blue (62%)



- Red (77%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4730, 40.8899, 38.0017 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 42.4730, 40.8899, 38.0017 by changing the saturation by 10% instead.


 42.4730, 40.8899,
38.0017


 42.4730, 40.8899,
38.0017


347.3983,
349.8602, 352.9257

 29.6646, 28.2331,
25.6822


 78.1757, 76.5167,
73.3142

 19.7309, 18.5014,
16.3624


 101.8006,
100.2555, 97.1442

 12.3067, 11.3106,
9.6238


129.7618,
128.4571, 125.6482

 7.0266, 6.2761,
5.0479

162.4245,
161.5058, 159.2446

 3.5252, 3.0137,
2.2162

200.1542,
199.7861, 198.3520

 1.4372, 1.1389,
0.6837

243.3162,

 0.2825, 0.0109,

243.6823, 243.3890

0.0000

292.2757,
293.5789, 294.7740

■ 0.0000, 0.0000,
0.0000

■ 42.4730, 40.8899,
38.0017

■ 42.4730, 40.8899,
38.0017

■ 38.1217, 34.6867,
28.8452

■ 47.4893, 47.9874,
48.7219

■ 34.4041, 29.3369,
21.1767

■ 53.1937, 56.0069,
61.0715

■ 31.2912, 24.8047,
14.9181

■ 59.6120, 64.9821,
75.1157

■ 28.7505, 21.0494,
9.9832

■ 66.7680, 74.9428,
90.9151

■ 26.7464, 18.0271,
6.2760

■ 74.4414, 85.8210,
107.2494

■ 25.2392, 15.6892,
3.6878

■ 76.8361, 90.6104,
108.0476

■ 24.1832, 13.9811,
2.0906

■ 23.5096, 12.8339,
1.2496

■ 23.4987, 12.8156,
1.2351

Harmonies

Analogous

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



43.2520, 40.8899, 43.5961



42.4730, 40.8899, 38.0017



40.7276, 40.8899, 34.4349

Triad

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



42.4730, 40.8899, 38.0017



35.1612, 40.8899, 39.4736



39.1911, 40.8899, 57.7750

Complementary

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



42.4730, 40.8899, 38.0017



42.8090, 48.5607, 59.9405

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.



37.0594, 40.8899, 56.4088



42.4730, 40.8899, 38.0017



34.7845, 40.8899, 45.4612

Square

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



42.4730, 40.8899, 38.0017



36.5157, 40.8899, 35.2266



35.4666, 40.8899, 51.7488



41.3122, 40.8899, 55.3240

Rectangle

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



42.4730, 40.8899, 38.0017



39.2803, 40.8899, 33.4872



35.4666, 40.8899, 51.7488



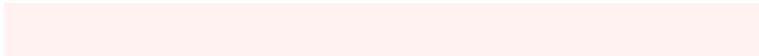
38.4519, 40.8899, 57.7486

Sweetspot

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



42.4741, 40.8918, 38.0026



88.6922, 91.0707, 95.1084



44.6737, 40.0927, 54.7613



18.8417, 19.2929, 20.0501



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.



42.4741, 40.8918, 38.0026



72.3634, 67.9626, 60.2254



46.2037, 48.3509, 39.2457



10.7635, 10.8962, 11.0986



15.4955, 8.5082, 0.8255



0.7768, 0.4890, 0.0534

Inverse Universe

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



42.8090, 48.5607, 59.9405



73.0745, 84.3183, 107.0314



38.8651, 40.6728, 58.6259



10.8023, 11.7786, 13.6216



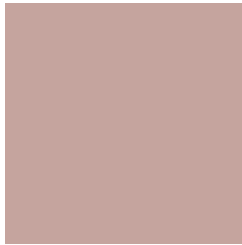
15.7282, 20.8503, 37.9399



0.7833, 1.0645, 1.8093

Previews

White Background



This preview shows how the XYZ color 42.4730, 40.8899, 38.0017 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 42.4730, 40.8899, 38.0017 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 42.4730, 40.8899, 38.0017

Background



This preview shows how black text looks on a background with the XYZ color 42.4730, 40.8899, 38.0017.



This preview shows how white text looks on a background with the XYZ color 42.4730, 40.8899,

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

42.4730, 40.8899, 38.0017

Protanopia

39.2160, 41.0816, 40.0451

Deuteranopia

41.6190, 40.7163, 38.0132



Tritanopia

44.1135, 41.0388, 45.6406

Trichromacy



Original Color

42.4730, 40.8899, 38.0017

Protanomaly

40.2028, 40.7688, 39.4685

Deuteranomaly

41.8748, 40.8482, 38.0252

Tritanomaly

43.4538, 41.0273, 42.6746

Monochromacy



Original Color

42.4730, 40.8899, 38.0017

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.7340, 41.5217, 42.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4730, 40.8899, 38.0017 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(197, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 158)  
}
```

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(197, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.4730, 40.8899, 38.0017 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(197, 164, 158) }
```


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

```
.border{ border-color:rgb(197, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4730, 40.8899, 38.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 158) }
```

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

```
.background{ background-color: rgb(197,  
164, 158) }
```

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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