

Converting Colors

XYZ(40.8260, 39.5054, 37.8220)

Have a look what the booklet for
XYZ(40.8260, 39.5054, 37.8220)
contains.

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Color

**XYZ(40.8301, 39.5158,
37.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A29E
RGB	192, 162, 158
RGB Percent	75%, 64%, 62%
CMY	0.2471, 0.3647, 0.3804
CMYK	0.00, 0.16, 0.18, 0.25
HSL	7°, 21%, 69%
HSV	7°, 18%, 75%
XYZ	40.8301, 39.5158, 37.8231
YIQ	170.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

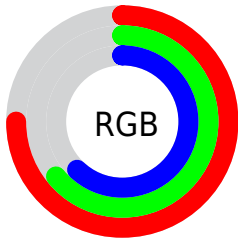
Format	Color
R_{YB}	192, 163, 158
Decimal	12624542
CIE _{Lab}	69.12, 10.36, 6.17
CIE _{LCh}	69, 12.057, 30.788
Yxy	39.5158, 0.3455, 0.3344
Android (android.graphics.Color)	4290814622 (0xFFC0A29E)
YUV	170.5140, -6.1694, 18.8432
Hunter-Lab	62.8616, 5.9322, 8.3290

Details

The XYZ color **40.8301, 39.5158, 37.8231** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5978, 47.0400, 56.7566**, and the grayscale version is **38.4892, 40.4936, 44.0976**.

A 20% lighter version of the original color is **75.8900, 74.5695, 73.3443**, and **18.7110, 17.6167, 16.3241** is the 20% darker color. If you saturate the color by 10%, you get **36.5195, 33.3357, 28.8597**, and if you desaturate by 10%, it is **45.8031, 46.6066, 48.2821**.

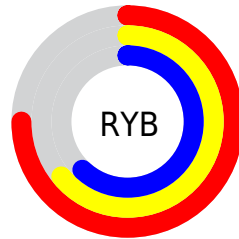
Distribution



Red (75%)

Green (64%)

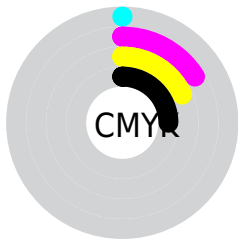
Blue (62%)



Red (75%)

Yellow (64%)

Blue (62%)

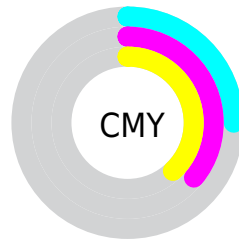


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8301, 39.5158, 37.8231 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 40.8301, 39.5158, 37.8231 by changing the saturation by 10% instead.


 40.8301, 39.5158,
37.8231


 40.8301, 39.5158,
37.8231


340.6847,
344.0785, 352.1359

 28.3734, 27.1612,
25.5447


 75.7022, 74.4256,
73.0373

 18.7492, 17.6943,
16.2606


 98.8484, 97.7497,
96.8102

 11.5922, 10.7308,
9.5524


126.2885,
125.4990, 125.2516

 6.5368, 5.8861,
5.0015

158.3879,
158.0580, 158.7801

 3.2179, 2.7759,
2.1894

195.5118,
195.8110, 197.8143

 1.2700, 1.0159,
0.6682

238.0257,

 0.1606, 0.0000,

239.1425, 242.7726

0.0000

286.2949,
288.4369, 294.0736

■ 0.0000, 0.0000,
0.0000

■ 40.8301, 39.5158,
37.8231

■ 40.8301, 39.5158,
37.8231

■ 36.5195, 33.3357,
28.8597

■ 45.8031, 46.6066,
48.2821

■ 32.8400, 28.0244,
21.3210

■ 51.4614, 54.6375,
60.2981

■ 29.7630, 23.5443,
15.1345

■ 57.8310, 63.6428,
73.9321

■ 27.2559, 19.8533,
10.2197

■ 64.9354, 73.6540,
89.2411

■ 25.2834, 16.9055,
6.4881

■ 72.7971, 84.7007,
106.2792

■ 23.8061, 14.6502,
3.8395

■ 75.5483, 89.9465,
107.9873

■ 22.7787, 13.0301,
2.1570

■ 22.1428, 11.9770,
1.2711

■ 22.0370, 11.8039,
1.1169

Harmonies

Analogous

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



41.3839, 39.5158, 42.8803



40.8301, 39.5158, 37.8231



39.3948, 39.5158, 34.4182

Triad

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



40.8301, 39.5158, 37.8231



34.4186, 39.5158, 38.0554



37.6095, 39.5158, 54.5241

Complementary

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



40.8301, 39.5158, 37.8231



41.5978, 47.0400, 56.7566

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.



35.7803, 39.5158, 52.9612



40.8301, 39.5158, 37.8231



33.9765, 39.5158, 43.1720

Square

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



40.8301, 39.5158, 37.8231



35.6950, 39.5158, 34.5440



34.4667, 39.5158, 48.6854



39.4859, 39.5158, 52.7938

Rectangle

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



40.8301, 39.5158, 37.8231



38.1545, 39.5158, 33.3844



34.4667, 39.5158, 48.6854



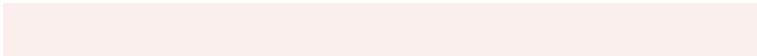
36.9689, 39.5158, 54.3653

Sweetspot

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



40.8312, 39.5176, 37.8239



85.5642, 88.1043, 92.9275



43.0461, 39.2930, 52.9116



18.2058, 18.6874, 19.6171



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.



40.8312, 39.5176, 37.8239



71.0130, 67.3523, 62.3341



44.0235, 45.9023, 38.8880



10.1666, 10.2647, 10.5073



14.8590, 8.0037, 0.7617



0.6744, 0.4106, 0.0437

Inverse Universe

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



41.5978, 47.0400, 56.7566



72.6425, 83.3561, 102.6210



38.1846, 40.2138, 55.6189



10.2640, 11.2194, 12.9094



16.0354, 21.8272, 36.9245



0.7220, 1.0015, 1.6051

Previews

White Background



This preview shows how the XYZ color 40.8301, 39.5158, 37.8231 looks on a white background.

Color Contrast Check

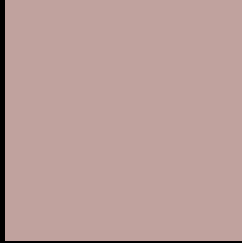
Large Text (above 18pt) WCAG AA × Fail

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 40.8301, 39.5158, 37.8231 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 40.8301, 39.5158, 37.8231

Background



This preview shows how black text looks on a background with the XYZ color 40.8301, 39.5158, 37.8231.



This preview shows how white text looks on a background with the XYZ color 40.8301, 39.5158,

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

40.8301, 39.5158, 37.8231

Protanopia

37.8912, 39.5771, 39.3603

Deuteranopia

40.2550, 39.4818, 37.8468



Tritanopia

42.2653, 39.5895, 44.4436

Trichromacy



Original Color

40.8301, 39.5158, 37.8231

Protanomaly

39.0374, 39.6343, 38.8504

Deuteranomaly

40.5040, 39.6102, 37.8585

Tritanomaly

41.7122, 39.6172, 42.0076

Monochromacy



Original Color

40.8301, 39.5158, 37.8231

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4760, 40.3421, 41.7826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8301, 39.5158, 37.8231 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, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 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(192, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 40.8301, 39.5158, 37.8231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

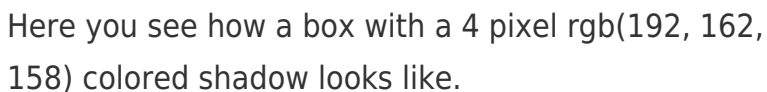
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 162, 158) }
```


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

```
.border{ border-color:rgb(192, 162, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 162, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 162, 158); box-shadow:4px 4px 4px 4px rgb(192, 162, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8301, 39.5158, 37.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 158) }
```

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

```
.background{ background-color: rgb(192,  
162, 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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