

Converting Colors

XYZ(40.7888, 37.9504, 38.6045)

Have a look what the booklet for
XYZ(40.7888, 37.9504, 38.6045)
contains.

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Color

**XYZ(40.7393, 37.9171,
38.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	C39CA0
RGB	195, 156, 160
RGB Percent	76%, 61%, 63%
CMY	0.2353, 0.3882, 0.3725
CMYK	0.00, 0.20, 0.18, 0.24
HSL	354°, 25%, 69%
HSV	354°, 20%, 76%
XYZ	40.7393, 37.9171, 38.4292
YIQ	168.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

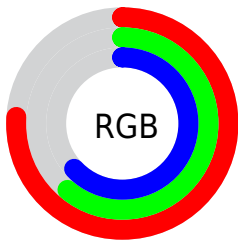
Format	Color
R _Y B	195, 156, 160
Decimal	12819616
CIE Lab	67.96, 15.09, 3.42
CIE LCh	68, 15.477, 12.759
Yxy	37.9171, 0.3479, 0.3238
Android (android.graphics.Color)	4291009696 (0xFFC39CA0)
YUV	168.1170, -4.0017, 23.5764
Hunter-Lab	61.5769, 10.3362, 6.1018

Details

The XYZ color **40.7393, 37.9171, 38.4292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6309, 49.8607, 56.6699**, and the grayscale version is **37.2892, 39.2312, 42.7227**.

A 20% lighter version of the original color is **75.7049, 72.1903, 74.2340**, and **18.7964, 16.8700, 16.7336** is the 20% darker color. If you saturate the color by 10%, you get **36.3013, 31.3210, 29.9205**, and if you desaturate by 10%, it is **45.9203, 45.6534, 48.2499**.

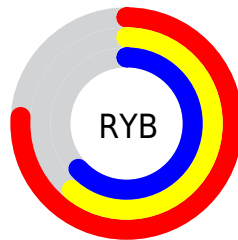
Distribution



Red (76%)

Green (61%)

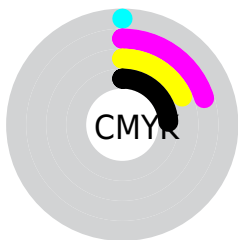
Blue (63%)



Red (76%)

Yellow (61%)

Blue (63%)

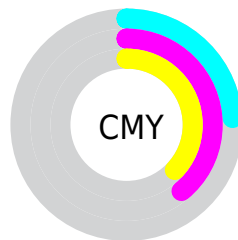


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7393, 37.9171, 38.4292 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 40.7393, 37.9171, 38.4292 by changing the saturation by 10% instead.

 40.7393, 37.9171,
38.4292


 40.7393, 37.9171,
38.4292


340.3111,
337.2642, 354.8108

 28.3022, 25.9184,
26.0116


 75.5652, 71.9811,
73.9762

 18.6952, 16.7626,
16.6064

 98.6847, 94.8151,
97.9427

 11.5529, 10.0654,
9.7953


126.0957,
122.0296, 126.5958

 6.5101, 5.4423,
5.1596

158.1636,
154.0091, 160.3542

 3.2012, 2.5090,
2.2809

195.2538,
191.1379, 199.6363

 1.2610, 0.8812,
0.7205

237.7315,

 0.1538, 0.0000,

233.8004, 244.8608

0.0000

285.9621,
282.3811, 296.4461

■ 0.0000, 0.0000,
0.0000

■ 40.7393, 37.9171,
38.4292

■ 40.7393, 37.9171,
38.4292

■ 36.3013, 31.3210,
29.9205

■ 45.9203, 45.6534,
48.2499

■ 32.5692, 25.8065,
22.6658

■ 51.8729, 54.5749,
59.4324

■ 29.5073, 21.3171,
16.6065

■ 58.6280, 64.7304,
72.0268

■ 27.0758, 17.7897,
11.6783

■ 66.2141, 76.1643,
86.0801

■ 25.2303, 15.1537,
7.8106

■ 74.6580, 88.9190,
101.6368

■ 23.9209, 13.3293,
4.9253

■ 76.3158, 90.3422,
108.0233

■ 23.0890, 12.2218,
2.9329

■ 22.6320, 11.6527,
1.7176

■ 22.6319, 11.6526,
1.7174

Harmonies

Analogous

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



40.6378, 37.9171, 45.3357



40.7393, 37.9171, 38.4292



39.5415, 37.9171, 32.9318

Triad

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



40.7393, 37.9171, 38.4292



32.9902, 37.9171, 32.3061



34.6860, 37.9171, 55.2676

Complementary

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



40.7393, 37.9171, 38.4292



42.6309, 49.8607, 56.6699

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.



32.7498, 37.9171, 50.9439



40.7393, 37.9171, 38.4292



31.8010, 37.9171, 37.4836

Square

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



40.7393, 37.9171, 38.4292



35.0275, 37.9171, 29.6702



31.7150, 37.9171, 44.2795



37.0699, 37.9171, 55.5937

Rectangle

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



40.7393, 37.9171, 38.4292



38.1972, 37.9171, 30.5956



31.7150, 37.9171, 44.2795



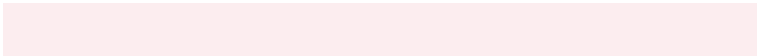
33.9638, 37.9171, 54.2132

Sweetspot

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



40.7404, 37.9188, 38.4300



86.2387, 87.7470, 93.9409



43.0877, 38.7240, 56.8336



18.7327, 18.9869, 20.2849



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.



40.7404, 37.9188, 38.4300



69.3286, 62.4988, 61.8785



43.0610, 43.1108, 37.5063



10.1142, 10.0943, 10.6920



14.7245, 7.5796, 1.1955



0.6506, 0.3333, 0.1276

Inverse Universe

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



40.7404, 37.9188, 38.4300



69.3286, 62.4988, 61.8785



39.8934, 43.6721, 57.9571



10.1142, 10.0943, 10.6920



14.7245, 7.5796, 1.1955



0.6506, 0.3333, 0.1276

Previews

White Background



This preview shows how the XYZ color 40.7393, 37.9171, 38.4292 looks on a white background.

Color Contrast Check

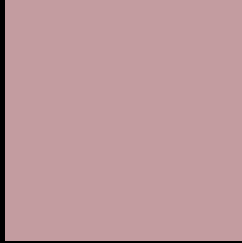
Large Text (above 18pt) WCAG AA × Fail

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 40.7393, 37.9171, 38.4292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

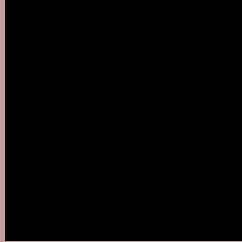
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7393, 37.9171, 38.4292

Background



This preview shows how black text looks on a background with the XYZ color 40.7393, 37.9171, 38.4292.



This preview shows how white text looks on a background with the XYZ color 40.7393, 37.9171,

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

40.7393, 37.9171, 38.4292

Protanopia

36.6089, 38.0619, 41.0145

Deuteranopia

38.5960, 37.8352, 38.0696



Tritanopia

41.4613, 37.9685, 41.7026

Trichromacy



Original Color

40.7393, 37.9171, 38.4292

Protanomaly

37.8913, 37.9500, 39.9783

Deuteranomaly

39.3952, 37.9908, 38.0575

Tritanomaly

41.1871, 37.8588, 40.2586

Monochromacy



Original Color

40.7393, 37.9171, 38.4292

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4271, 38.7325, 41.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7393, 37.9171, 38.4292 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(195, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 160)  
}
```

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(195, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 40.7393, 37.9171, 38.4292 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(195, 156, 160) }
```


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

```
.border{ border-color:rgb(195, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7393, 37.9171, 38.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 160) }
```

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

```
.background{ background-color: rgb(195,  
156, 160) }
```

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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