

Converting Colors

XYZ(39.1933, 38.7915, 38.8435)

Have a look what the booklet for
XYZ(39.1933, 38.7915, 38.8435)
contains.

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Color

**XYZ(39.2095, 38.9228,
38.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A3A0
RGB	184, 163, 160
RGB Percent	72%, 64%, 63%
CMY	0.2784, 0.3608, 0.3725
CMYK	0.00, 0.11, 0.13, 0.28
HSL	8°, 14%, 67%
HSV	8°, 13%, 72%
XYZ	39.2095, 38.9228, 38.7040
YIQ	168.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

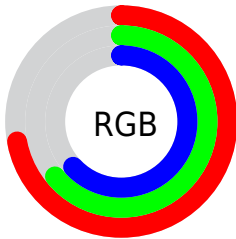
Format	Color
RYB	184, 163, 160
Decimal	12100512
CIELab	68.70, 7.14, 4.35
CIElCh	69, 8.364, 31.343
Yxy	38.9228, 0.3356, 0.3331
Android (android.graphics.Color)	4290290592 (0xFFB8A3A0)
YUV	168.9370, -4.4059, 13.2103
Hunter-Lab	62.3881, 3.0039, 6.8897

Details

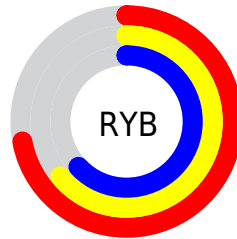
The XYZ color **39.2095, 38.9228, 38.7040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6726, 43.9811, 51.7460**, and the grayscale version is **37.6982, 39.6615, 43.1913**.

A 20% lighter version of the original color is **73.2723, 73.5744, 74.6294**, and **17.8048, 17.2983, 16.8685** is the 20% darker color. If you saturate the color by 10%, you get **35.0392, 32.9700, 29.9515**, and if you desaturate by 10%, it is **43.9841, 45.7020, 48.8342**.

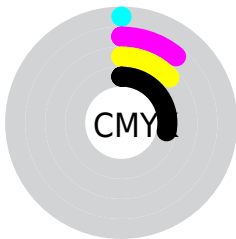
Distribution



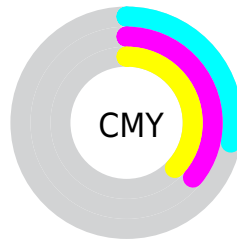
- Red (72%)
- Green (64%)
- Blue (63%)



- Red (72%)
- Yellow (64%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (28%)





- Cyan (28%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2095, 38.9228, 38.7040 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 39.2095, 38.9228, 38.7040 by changing the saturation by 10% instead.


 39.2095, 38.9228,
38.7040


 39.2095, 38.9228,
38.7040


333.9722,
341.5622, 356.0187

 27.1042, 26.6997,
26.2235


 73.2503, 73.5204,
74.4013

 17.7885, 17.3478,
16.7636


 95.9165, 96.6636,
98.4551

 10.8970, 10.4828,
9.9059


122.8337,
124.2157, 127.2038

 6.0644, 5.7202,
5.2318

154.3672,
156.5609, 161.0658

 2.9253, 2.6757,
2.3228

190.8825,
194.0838, 200.4598

 1.1144, 0.9649,
0.7440

232.7449,

 0.0371, 0.0000,

237.1687, 245.8042

0.0000

280.3196,
286.2001, 297.5177

■ 0.0000, 0.0000,
0.0000

■ 39.2095, 38.9228,
38.7040

■ 39.2095, 38.9228,
38.7040

■ 35.0392, 32.9700,
29.9515

■ 43.9841, 45.7020,
48.8342

■ 31.4458, 27.8070,
22.5149

■ 49.3824, 53.3322,
60.3955

■ 28.4049, 23.4022,
16.3310

■ 55.4270, 61.8432,
73.4414

■ 25.8887, 19.7197,
11.3308

■ 62.1384, 71.2622,
88.0220

■ 23.8672, 16.7207,
7.4385

■ 69.5362, 81.6147,
104.1850

■ 22.3073, 14.3630,
4.5693

■ 73.5773, 88.9304,
107.8951

■ 21.1717, 12.5993,
2.6263

■ 20.4172, 11.3759,
1.4937

■ 20.0742, 10.8043,
1.0274

Harmonies

Analogous

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



39.5958, 38.9228, 42.2099



39.2095, 38.9228, 38.7040



38.2279, 38.9228, 36.3057

Triad

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



39.2095, 38.9228, 38.7040



34.8082, 38.9228, 38.9829



37.0546, 38.9228, 50.0857

Complementary

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



39.2095, 38.9228, 38.7040



39.6726, 43.9811, 51.7460

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.



35.7888, 38.9228, 49.0973



39.2095, 38.9228, 38.7040



34.5106, 38.9228, 42.5512

Square

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



39.2095, 38.9228, 38.7040



35.6880, 38.9228, 36.4598



34.8654, 38.9228, 46.2823



38.3335, 38.9228, 48.9093

Rectangle

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



39.2095, 38.9228, 38.7040



37.3790, 38.9228, 35.5808



34.8654, 38.9228, 46.2823



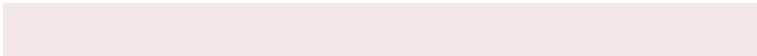
36.6135, 38.9228, 49.9952

Sweetspot

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



39.2106, 38.9245, 38.7048



78.7954, 81.5188, 86.5271



40.6994, 38.6769, 49.1444



16.8402, 17.3661, 18.3415



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2106, 38.9245, 38.7048



68.5238, 66.9199, 64.7785



41.4038, 43.3110, 39.4359



9.0928, 9.1885, 9.4012



13.8642, 7.5048, 0.7178



0.5184, 0.3238, 0.0352

Inverse Universe

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



39.6726, 43.9811, 51.7460



69.5446, 78.0990, 93.6138



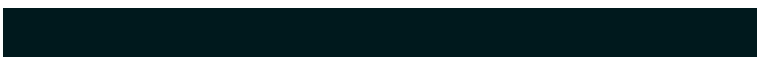
37.3746, 39.3852, 50.9800



9.1682, 10.0136, 11.5290



14.7787, 20.0171, 34.3378



0.5481, 0.7598, 1.2195

Previews

White Background



This preview shows how the XYZ color 39.2095, 38.9228, 38.7040 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 39.2095, 38.9228, 38.7040 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 39.2095, 38.9228, 38.7040

Background



This preview shows how black text looks on a background with the XYZ color 39.2095, 38.9228, 38.7040.



This preview shows how white text looks on a background with the XYZ color 39.2095, 38.9228,

38.7040.

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

39.2095, 38.9228, 38.7040

Protanopia

37.3536, 39.0167, 39.7447

Deuteranopia

39.7590, 38.9435, 38.6790



Tritanopia

40.6346, 38.9848, 45.4276

Trichromacy



Original Color

39.2095, 38.9228, 38.7040

Protanomaly

37.9737, 39.0758, 39.2592

Deuteranomaly

39.5152, 38.8178, 38.6676

Tritanomaly

40.0893, 39.0195, 42.9547

Monochromacy



Original Color

39.2095, 38.9228, 38.7040

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1572, 39.3893, 41.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2095, 38.9228, 38.7040 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(184, 163, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 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(184, 163, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.2095, 38.9228, 38.7040 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(184, 163, 160) }
```


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

```
.border{ border-color:rgb(184, 163, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2095, 38.9228, 38.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 160) }
```

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

```
.background{ background-color: rgb(184,  
163, 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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