

Converting Colors

XYZ(39.0699, 39.3444, 36.8552)

Have a look what the booklet for
XYZ(39.0699, 39.3444, 36.8552)
contains.

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Color

**XYZ(39.2230, 39.5009,
37.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A59C
RGB	184, 165, 156
RGB Percent	72%, 65%, 61%
CMY	0.2784, 0.3529, 0.3882
CMYK	0.00, 0.10, 0.15, 0.28
HSL	19°, 16%, 67%
HSV	19°, 15%, 72%
XYZ	39.2230, 39.5009, 37.0097
YIQ	169.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

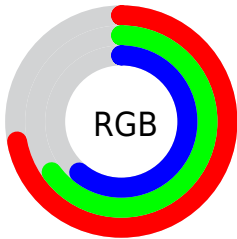
Format	Color
RYB	184, 169, 156
Decimal	12101020
CIELab	69.11, 5.39, 7.17
CIElCh	69, 8.967, 53.071
Yxy	39.5009, 0.3389, 0.3413
Android (android.graphics.Color)	4290291100 (0xFFB8A59C)
YUV	169.6550, -6.7319, 12.5806
Hunter-Lab	62.8497, 1.4105, 9.0813

Details

The XYZ color **39.2230, 39.5009, 37.0097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6917, 41.1876, 51.3110**, and the grayscale version is **38.0651, 40.0475, 43.6117**.

A 20% lighter version of the original color is **73.1612, 74.3648, 71.4706**, and **17.8150, 17.6555, 15.8335** is the 20% darker color. If you saturate the color by 10%, you get **35.6389, 34.6399, 28.7015**, and if you desaturate by 10%, it is **43.2651, 44.8995, 46.6360**.

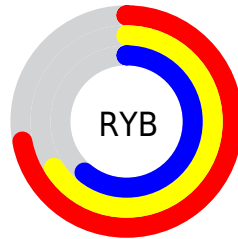
Distribution



Red (72%)

Green (65%)

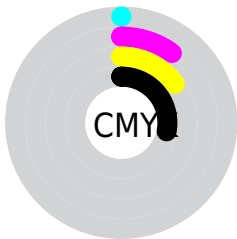
Blue (61%)



Red (72%)

Yellow (66%)

Blue (61%)

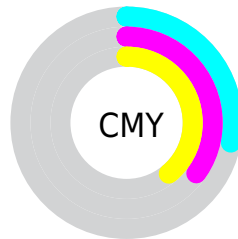


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2230, 39.5009, 37.0097 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 39.2230, 39.5009, 37.0097 by changing the saturation by 10% instead.


 39.2230, 39.5009,
37.0097


 39.2230, 39.5009,
37.0097


334.0285,
344.0154, 348.5225

 27.1148, 27.1496,
24.9192


 73.2708, 74.4029,
71.7742

 17.7965, 17.6856,
15.7984


 95.9410, 97.7224,
95.2852

 10.9028, 10.7245,
9.2288


122.8626,
125.4668, 123.4402

 6.0683, 5.8819,
4.7919

154.4009,
158.0204, 156.6576

 2.9277, 2.7734,
2.0691

190.9213,
195.7677, 195.3560

 1.1156, 1.0146,
0.5973

232.7891,

 0.0381, 0.0000,

239.0930, 239.9539

0.0000

280.3697,
288.3808, 290.8699

■ 0.0000, 0.0000,
0.0000

■ 39.2230, 39.5009,
37.0097

■ 39.2230, 39.5009,
37.0097

■ 35.6389, 34.6399,
28.7015

■ 43.2651, 44.8995,
46.6360

■ 32.4927, 30.2944,
21.6511

■ 47.7780, 50.8463,
57.6322

■ 29.7677, 26.4484,
15.7971

■ 52.7778, 57.3585,
70.0501

■ 27.4444, 23.0834,
11.0720

■ 58.2790, 64.4506,
83.9384

■ 25.5020, 20.1792,
7.4015

■ 64.2953, 72.1369,
99.3433

■ 23.9175, 17.7144,
4.7024

■ 68.9494, 79.6747,
106.3525

■ 22.6649, 15.6655,
2.8783

■ 72.7498, 87.2754,
107.6193

■ 21.7137, 14.0061,
1.8117

■ 73.5773, 88.9304,
107.8951

■ 21.3398, 13.3354,
1.4493

Harmonies

Analogous

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



40.1348, 39.5009, 39.9934



39.2230, 39.5009, 37.0097



37.8775, 39.5009, 35.6478

Triad

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



39.2230, 39.5009, 37.0097



34.8772, 39.5009, 42.0655



38.6337, 39.5009, 50.6794

Complementary

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



39.2230, 39.5009, 37.0097



37.6917, 41.1876, 51.3110

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.



37.2133, 39.5009, 51.3214



39.2230, 39.5009, 37.0097



35.0680, 39.5009, 46.1741

Square

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



39.2230, 39.5009, 37.0097



35.3863, 39.5009, 38.4442



35.9144, 39.5009, 49.6256



39.7885, 39.5009, 47.9232

Rectangle

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



39.2230, 39.5009, 37.0097



36.9252, 39.5009, 35.7774



35.9144, 39.5009, 49.6256



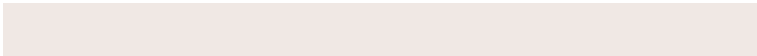
38.1705, 39.5009, 51.1565

Sweetspot

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



39.2241, 39.5027, 37.0105



78.5328, 81.5292, 84.7891



39.4070, 37.0682, 45.7044



16.8139, 17.4219, 17.9989



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.



39.2241, 39.5027, 37.0105



69.0128, 68.7883, 62.1959



41.8616, 44.7777, 37.8897



9.2341, 9.4711, 9.4483



14.7647, 9.3058, 1.0180



0.5782, 0.4434, 0.0551

Inverse Universe

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



37.6917, 41.1876, 51.3110



65.7421, 72.3819, 92.7107



35.1307, 36.0655, 50.4574



9.0166, 9.7105, 11.4785



11.0686, 12.5970, 33.1012



0.4436, 0.5509, 1.1847

Previews

White Background



This preview shows how the XYZ color 39.2230, 39.5009, 37.0097 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 39.2230, 39.5009, 37.0097 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 39.2230, 39.5009, 37.0097

Background



This preview shows how black text looks on a background with the XYZ color 39.2230, 39.5009, 37.0097.



This preview shows how white text looks on a background with the XYZ color 39.2230, 39.5009,

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

39.2230, 39.5009, 37.0097

Protanopia

37.6297, 39.4726, 37.9834

Deuteranopia

40.3331, 39.5418, 36.9590



Tritanopia

40.9079, 39.3749, 46.0015

Trichromacy



Original Color

39.2230, 39.5009, 37.0097

Protanomaly

38.2646, 39.5367, 37.5129

Deuteranomaly

40.0152, 39.6426, 36.9952

Tritanomaly

40.1727, 39.3358, 42.5210

Monochromacy



Original Color

39.2230, 39.5009, 37.0097

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4734, 39.8358, 41.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2230, 39.5009, 37.0097 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, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 165, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.2230, 39.5009, 37.0097 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, 165, 156) }
```


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

```
.border{ border-color:rgb(184, 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(184, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 165,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2230, 39.5009, 37.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 165, 156) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

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