

Converting Colors

XYZ(41.8668, 37.9721, 39.3059)

Have a look what the booklet for
XYZ(41.8668, 37.9721, 39.3059)
contains.

XYZ(41.8966, 37.9992, 39.3088)	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(41.8966, 37.9992,
39.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	C89AA2
RGB	200, 154, 162
RGB Percent	78%, 60%, 64%
CMY	0.2157, 0.3961, 0.3647
CMYK	0.00, 0.23, 0.19, 0.22
HSL	350°, 29%, 69%
HSV	350°, 23%, 78%
XYZ	41.8966, 37.9992, 39.3088
YIQ	168.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

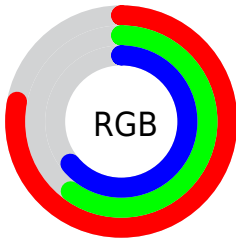
Format	Color
R _{YB}	200, 154, 162
Decimal	13146786
CIE Lab	68.02, 18.37, 2.45
CIE LCh	68, 18.533, 7.604
Yxy	37.9992, 0.3515, 0.3188
Android (android.graphics.Color)	4291336866 (0xFFC89AA2)
YUV	168.6660, -3.2863, 27.4799
Hunter-Lab	61.6435, 13.4432, 5.3424

Details

The XYZ color **41.8966, 37.9992, 39.3088** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4967, 51.9853, 57.6134**, and the grayscale version is **37.5551, 39.5109, 43.0274**.

A 20% lighter version of the original color is **76.5648, 71.8707, 75.4827**, and **19.3418, 16.8460, 16.9840** is the 20% darker color. If you saturate the color by 10%, you get **37.4931, 31.3901, 31.0645**, and if you desaturate by 10%, it is **47.0452, 45.7889, 48.7546**.

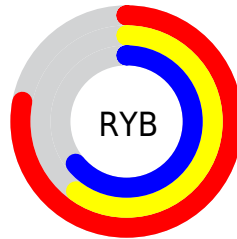
Distribution



Red (78%)

Green (60%)

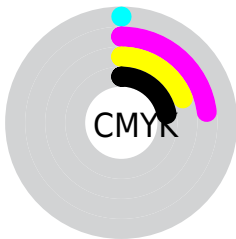
Blue (64%)



Red (78%)

Yellow (60%)

Blue (64%)

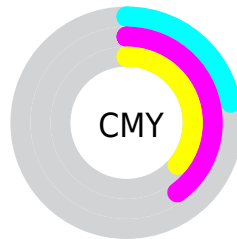


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8966, 37.9992, 39.3088 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 41.8966, 37.9992, 39.3088 by changing the saturation by 10% instead.


 41.8966, 37.9992,
39.3088


 41.8966, 37.9992,
39.3088


345.0531,
337.6165, 358.6667

 29.2111, 25.9821,
26.6904


 77.3093, 72.1069,
75.3354

 19.3856, 16.8102,
17.1104


 100.7671, 94.9663,
99.5806

 12.0549, 10.0993,
10.1505

128.5465,
122.2085, 128.5384

 6.8536, 5.4648,
5.3919

161.0127,
154.2180, 162.6275

 3.4162, 2.5225,
2.4163

198.5311,
191.3792, 202.2663

 1.3775, 0.8879,
0.7953

241.4670,

 0.2401, 0.0000,

234.0764, 247.8734

0.0000

290.1859,
282.6940, 299.8674

■ 0.0000, 0.0000,
0.0000

■ 41.8966, 37.9992,
39.3088

■ 41.8966, 37.9992,
39.3088

■ 37.4931, 31.3901,
31.0645

■ 47.0452, 45.7889,
48.7546

■ 33.7969, 25.8989,
23.9708

■ 52.9681, 54.8075,
59.4450

■ 30.7714, 21.4652,
17.9769

■ 59.6969, 65.1070,
71.4242

■ 28.3758, 18.0205,
13.0270

■ 67.2604, 76.7346,
84.7332

■ 26.5643, 15.4883,
9.0604

■ 75.6860, 89.7355,
99.4114

■ 25.2851, 13.7811,
6.0098

■ 77.6296, 91.0194,
108.0847

■ 24.4765, 12.7936,
3.7993

■ 24.1195, 12.3994,
2.6943

Harmonies

Analogous

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



41.4900, 37.9992, 47.7247



41.8966, 37.9992, 39.3088



40.6904, 37.9992, 32.4216

Triad

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



41.8966, 37.9992, 39.3088



32.8383, 37.9992, 30.0260



34.0454, 37.9992, 57.8618

Complementary

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



41.8966, 37.9992, 39.3088



43.4967, 51.9853, 57.6134

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.



31.9000, 37.9992, 51.8406



41.8966, 37.9992, 39.3088



31.2293, 37.9992, 35.6144

Square

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



41.8966, 37.9992, 39.3088



35.3884, 37.9992, 27.5462



30.8952, 37.9992, 43.5117



36.8558, 37.9992, 59.1952

Rectangle

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



41.8966, 37.9992, 39.3088



39.1700, 37.9992, 29.3626



30.8952, 37.9992, 43.5117



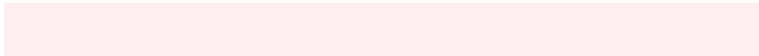
33.2271, 37.9992, 56.2835

Sweetspot

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



41.8977, 38.0009, 39.3096



87.3335, 88.2216, 95.0609



43.6108, 38.4331, 59.7637



18.5575, 18.6768, 20.1027



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.



41.8977, 38.0009, 39.3096



68.2628, 59.3611, 60.0921



43.7608, 42.8290, 36.5344



10.7079, 10.6665, 11.4450



15.3593, 7.8933, 1.8361



0.7511, 0.3833, 0.2126

Inverse Universe

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



41.8977, 38.0009, 39.3096



68.2628, 59.3611, 60.0921



41.1929, 45.9210, 61.3364



10.7079, 10.6665, 11.4450



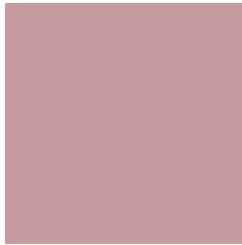
15.3593, 7.8933, 1.8361



0.7511, 0.3833, 0.2126

Previews

White Background



This preview shows how the XYZ color 41.8966, 37.9992, 39.3088 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 41.8966, 37.9992, 39.3088 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 41.8966, 37.9992, 39.3088

Background



This preview shows how black text looks on a background with the XYZ color 41.8966, 37.9992, 39.3088.



This preview shows how white text looks on a background with the XYZ color 41.8966, 37.9992,

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

41.8966, 37.9992, 39.3088

Protanopia

36.6715, 38.0623, 42.4597

Deuteranopia

38.9451, 38.2533, 39.0492



Tritanopia

42.0022, 37.7784, 40.6755

Trichromacy



Original Color

41.8966, 37.9992, 39.3088

Protanomaly

38.4502, 37.9462, 41.3742

Deuteranomaly

39.8951, 37.9741, 38.9452

Tritanomaly

41.9115, 37.7422, 40.1979

Monochromacy



Original Color

41.8966, 37.9992, 39.3088

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9808, 39.0074, 41.5511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8966, 37.9992, 39.3088 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(200, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 162)  
}
```

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(200, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 41.8966, 37.9992, 39.3088 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(200, 154, 162) }
```


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

```
.border{ border-color:rgb(200, 154, 162) }
```

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

Here you see how a box with a 4 pixel rgb(200, 154, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8966, 37.9992, 39.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 162) }
```

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

```
.background{ background-color: rgb(200,  
154, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor