

Converting Colors

XYZ(42.3991, 39.3140, 38.5815)

Have a look what the booklet for
XYZ(42.3991, 39.3140, 38.5815)
contains.

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Color

**XYZ(42.3914, 39.2711,
38.6035)**

Conversions

Conversions Part 1

Format	Color
Hex	C89EA0
RGB	200, 158, 160
RGB Percent	78%, 62%, 63%
CMY	0.2157, 0.3804, 0.3725
CMYK	0.00, 0.21, 0.20, 0.22
HSL	357°, 28%, 70%
HSV	357°, 21%, 78%
XYZ	42.3914, 39.2711, 38.6035
YIQ	170.7860, 24.3900, 9.5260

Conversions

Conversions Part 2

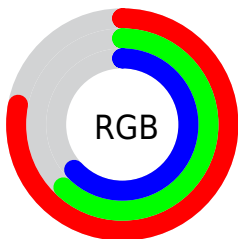
Format	Color
R _Y B	200, 158, 160
Decimal	13147808
CIE Lab	68.95, 15.87, 4.91
CIE LCh	69, 16.607, 17.188
Yxy	39.2711, 0.3525, 0.3265
Android (android.graphics.Color)	4291337888 (0xFFC89EA0)
YUV	170.7860, -5.3175, 25.6207
Hunter-Lab	62.6667, 11.0812, 7.3432

Details

The XYZ color **42.3914, 39.2711, 38.6035** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9494, 52.6558, 61.2231**, and the grayscale version is **38.6194, 40.6306, 44.2468**.

A 20% lighter version of the original color is **77.3000, 73.7548, 74.4519**, and **19.5914, 17.4319, 16.8001** is the 20% darker color. If you saturate the color by 10%, you get **37.7128, 32.3794, 29.4427**, and if you desaturate by 10%, it is **47.8827, 47.3789, 49.2959**.

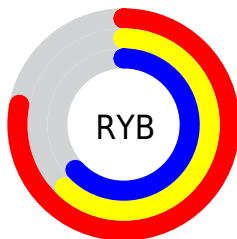
Distribution



Red (78%)

Green (62%)

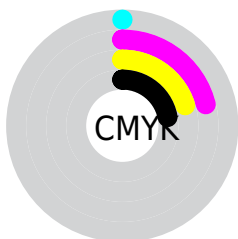
Blue (63%)



Red (78%)

Yellow (62%)

Blue (63%)

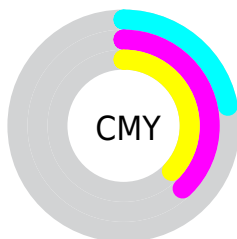


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3914, 39.2711, 38.6035 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 42.3914, 39.2711, 38.6035 by changing the saturation by 10% instead.


 42.3914, 39.2711,
38.6035


 42.3914, 39.2711,
38.6035


347.0670,
343.0417, 355.5773

 29.6003, 26.9707,
26.1460


 78.0531, 74.0523,
74.2459

 19.6820, 17.5512,
16.7061


 101.6545, 97.3018,
98.2678

 12.2710, 10.6283,
9.8654


129.5899,
124.9699, 126.9815

 7.0020, 5.8175,
5.2054

162.2249,
157.4409, 160.8057

 3.5097, 2.7344,
2.3074

199.9248,
195.0992, 200.1588

 1.4287, 0.9947,
0.7354

243.0548,

 0.2765, 0.0000,

238.3291, 245.4594

0.0000

291.9804,
287.5152, 297.1261

■ 0.0000, 0.0000,
0.0000

■ 42.3914, 39.2711,
38.6035

■ 42.3914, 39.2711,
38.6035

■ 37.7128, 32.3794,
29.4427

■ 47.8827, 47.3789,
49.2959

■ 33.8053, 26.6401,
21.7410

■ 54.2193, 56.7517,
61.5829

■ 30.6285, 21.9920,
15.4239

■ 61.4360, 67.4423,
75.5270

■ 28.1368, 18.3659,
10.4093

■ 69.5647, 79.4991,
91.1865

■ 26.2799, 15.6848,
6.6062

■ 77.6295, 91.0194,
108.0847

■ 25.0001, 13.8609,
3.9122

■ 24.2298, 12.7897,
2.2078

■ 23.8716, 12.3003,
1.3890

Harmonies

Analogous

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



42.5008, 39.2711, 46.0668



42.3914, 39.2711, 38.6035



40.8851, 39.2711, 32.9519

Triad

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



42.3914, 39.2711, 38.6035



33.7227, 39.2711, 33.6166



36.2111, 39.2711, 58.5692

Complementary

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



42.3914, 39.2711, 38.6035



44.9494, 52.6558, 61.2231

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.



33.9797, 39.2711, 54.3424



42.3914, 39.2711, 38.6035



32.5893, 39.2711, 39.6145

Square

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



42.3914, 39.2711, 38.6035



35.8451, 39.2711, 30.3144



32.6811, 39.2711, 47.2037



38.8471, 39.2711, 58.2153

Rectangle

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



42.3914, 39.2711, 38.6035



39.3300, 39.2711, 30.7041



32.6811, 39.2711, 47.2037



35.3913, 39.2711, 57.6179

Sweetspot

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



42.3925, 39.2729, 38.6043



88.1036, 89.7204, 95.4455



45.9156, 40.6178, 60.0639



18.7031, 18.9751, 20.1293



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.



42.3925, 39.2729, 38.6043



69.6945, 62.5384, 59.6020



45.6945, 46.1541, 38.8502



10.6540, 10.6450, 11.1611



15.1877, 7.8247, 0.9326



0.7264, 0.3734, 0.0825

Inverse Universe

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



42.3925, 39.2729, 38.6043



69.6945, 62.5384, 59.6020



41.0716, 44.5292, 61.0741



10.6540, 10.6450, 11.1611



15.1877, 7.8247, 0.9326



0.7264, 0.3734, 0.0825

Previews

White Background



This preview shows how the XYZ color 42.3914, 39.2711, 38.6035 looks on a white background.

Color Contrast Check

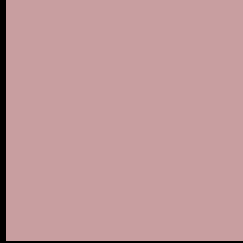
Large Text (above 18pt) WCAG AA × Fail

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 42.3914, 39.2711, 38.6035 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 42.3914, 39.2711, 38.6035

Background



This preview shows how black text looks on a background with the XYZ color 42.3914, 39.2711, 38.6035.



This preview shows how white text looks on a background with the XYZ color 42.3914, 39.2711,

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

42.3914, 39.2711, 38.6035

Protanopia

37.8074, 39.4925, 41.2275

Deuteranopia

40.0942, 39.3890, 38.2905



Tritanopia

43.3058, 39.3960, 42.8578

Trichromacy



Original Color

42.3914, 39.2711, 38.6035

Protanomaly

39.1777, 39.1403, 40.1403

Deuteranomaly

40.7411, 39.1994, 38.2198

Tritanomaly

43.0273, 39.2846, 41.3913

Monochromacy



Original Color

42.3914, 39.2711, 38.6035

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.9027, 40.0075, 42.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3914, 39.2711, 38.6035 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, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(200, 158, 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(200, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 158, 160) }
```

Border

The CSS property to change the border of an element to XYZ 42.3914, 39.2711, 38.6035 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, 158, 160) }
```


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

```
.border{ border-color:rgb(200, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(200, 158,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3914, 39.2711, 38.6035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 158, 160) }
```

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

```
.background{ background-color: rgb(200,  
158, 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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