

Converting Colors

XYZ(41.9184, 40.7494, 38.5531)

Have a look what the booklet for
XYZ(41.9184, 40.7494, 38.5531)
contains.

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Color

**XYZ(41.9613, 40.8828,
38.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A59F
RGB	194, 165, 159
RGB Percent	76%, 65%, 62%
CMY	0.2392, 0.3529, 0.3765
CMYK	0.00, 0.15, 0.18, 0.24
HSL	10°, 22%, 69%
HSV	10°, 18%, 76%
XYZ	41.9613, 40.8828, 38.4805
YIQ	172.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

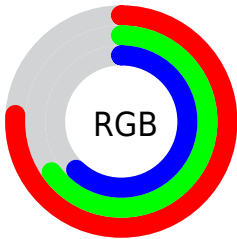
Format	Color
RYB	194, 166, 159
Decimal	12756383
CIELab	70.09, 9.63, 7.04
CIElCh	70, 11.924, 36.157
Yxy	40.8828, 0.3459, 0.3370
Android (android.graphics.Color)	4290946463 (0xFFC2A59F)
YUV	172.9870, -6.8956, 18.4284
Hunter-Lab	63.9397, 5.2487, 9.0755

Details

The XYZ color **41.9613, 40.8828, 38.4805** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0187, 47.2314, 57.9413**, and the grayscale version is **39.7420, 41.8116, 45.5329**.

A 20% lighter version of the original color is **77.5145, 76.5507, 74.3086**, and **19.4271, 18.4684, 16.7282** is the 20% darker color. If you saturate the color by 10%, you get **37.6893, 34.8246, 29.3924**, and if you desaturate by 10%, it is **46.8641, 47.7790, 49.0834**.

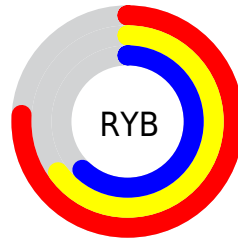
Distribution



Red (76%)

Green (65%)

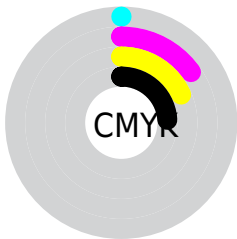
Blue (62%)



Red (76%)

Yellow (65%)

Blue (62%)

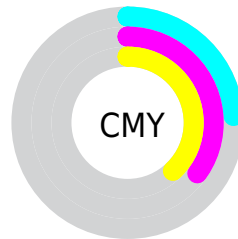


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9613, 40.8828, 38.4805 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 41.9613, 40.8828, 38.4805 by changing the saturation by 10% instead.


 41.9613, 40.8828,
38.4805

 41.9613, 40.8828,
38.4805


345.3168,
349.8305, 355.0365

 29.2620, 28.2275,
26.0511


 77.4066, 76.5059,
74.0556

 19.4244, 18.4972,
16.6358


 100.8832,
100.2426, 98.0384

 12.0831, 11.3076,
9.8159


128.6831,
128.4418, 126.7094

 6.8729, 6.2741,
5.1731

161.1714,
161.4881, 160.4871

 3.4284, 3.0125,
2.2887

198.7136,
199.7656, 199.7902

 1.3841, 1.1382,
0.7249

241.6750,

 0.2449, 0.0104,

243.6590, 245.0371

0.0000

290.4209,
293.5525, 296.6463

■ 0.0000, 0.0000,
0.0000

■ 41.9613, 40.8828,
38.4805

■ 41.9613, 40.8828,
38.4805

■ 37.6893, 34.8246,
29.3924

■ 46.8641, 47.7790,
49.0834

■ 34.0191, 29.5671,
21.7474

■ 52.4187, 55.5379,
61.2632

■ 30.9241, 25.0782,
15.4716

■ 58.6490, 64.1899,
75.0819

■ 28.3747, 21.3217,
10.4837

■ 65.5770, 73.7622,
90.5972

■ 26.3383, 18.2581,
6.6936

■ 73.0618, 84.2163,
107.0124

■ 24.7789, 15.8445,
3.9996

■ 76.0583, 90.2094,
108.0112

■ 23.6553, 14.0328,
2.2830

■ 22.9130, 12.7654,
1.3655

■ 22.7999, 12.5726,
1.2251

Harmonies

Analogous

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



42.7022, 40.8828, 43.3738



41.9613, 40.8828, 38.4805



40.3918, 40.8828, 35.4058

Triad

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



41.9613, 40.8828, 38.4805



35.5316, 40.8828, 40.3173



39.2610, 40.8828, 56.0544

Complementary

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



41.9613, 40.8828, 38.4805



42.0187, 47.2314, 57.9413

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.



37.3633, 40.8828, 55.0649



41.9613, 40.8828, 38.4805



35.2515, 40.8828, 45.6749

Square

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



41.9613, 40.8828, 38.4805



36.6896, 40.8828, 36.4027



35.9114, 40.8828, 51.1483



41.1100, 40.8828, 53.7497

Rectangle

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



41.9613, 40.8828, 38.4805



39.1095, 40.8828, 34.6461



35.9114, 40.8828, 51.1483



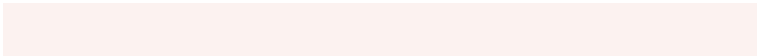
38.6074, 40.8828, 56.0984

Sweetspot

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



41.9624, 40.8846, 38.4814



87.7605, 90.5605, 95.1582



43.7418, 39.9042, 53.0685



19.0652, 19.6171, 20.5032



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.



41.9624, 40.8846, 38.4814



72.5527, 69.1603, 62.2952



45.3029, 47.5656, 39.5949



10.2098, 10.3509, 10.5217



15.0323, 8.3504, 0.8195



0.6937, 0.4493, 0.0502

Inverse Universe

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



42.0187, 47.2314, 57.9413



72.6725, 82.9705, 104.6545



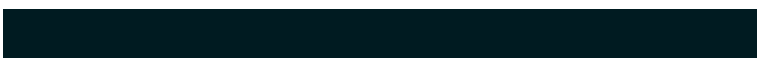
38.5363, 40.2666, 56.7805



10.2168, 11.1249, 12.8937



14.8026, 19.3617, 36.5136



0.6793, 0.9160, 1.5909

Previews

White Background



This preview shows how the XYZ color 41.9613, 40.8828, 38.4805 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 41.9613, 40.8828, 38.4805 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

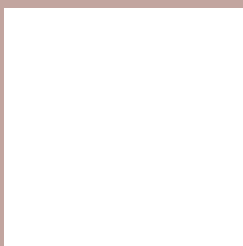
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9613, 40.8828, 38.4805

Background



This preview shows how black text looks on a background with the XYZ color 41.9613, 40.8828, 38.4805.



This preview shows how white text looks on a background with the XYZ color 41.9613, 40.8828,

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

41.9613, 40.8828, 38.4805

Protanopia

39.2160, 41.0816, 40.0451

Deuteranopia

41.8865, 41.1131, 38.5289



Tritanopia

43.6000, 41.0253, 46.1781

Trichromacy



Original Color

41.9613, 40.8828, 38.4805

Protanomaly

40.1494, 41.0164, 39.5191

Deuteranomaly

41.8865, 41.1131, 38.5289

Tritanomaly

42.9426, 41.0176, 43.1900

Monochromacy



Original Color

41.9613, 40.8828, 38.4805

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4987, 41.4004, 42.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9613, 40.8828, 38.4805 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(194, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 159)  
}
```

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(194, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.9613, 40.8828, 38.4805 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(194, 165, 159) }
```


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

```
.border{ border-color:rgb(194, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9613, 40.8828, 38.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 159) }
```

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

```
.background{ background-color: rgb(194,  
165, 159) }
```

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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