

Converting Colors

XYZ(41.3028, 38.9204, 40.6223)

Have a look what the booklet for
XYZ(41.3028, 38.9204, 40.6223)
contains.

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Color

**XYZ(41.3471, 38.9459,
40.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FA4
RGB	194, 159, 164
RGB Percent	76%, 62%, 64%
CMY	0.2392, 0.3765, 0.3569
CMYK	0.00, 0.18, 0.15, 0.24
HSL	351°, 22%, 69%
HSV	351°, 18%, 76%
XYZ	41.3471, 38.9459, 40.4600
YIQ	170.0350, 19.2550, 8.9750

Conversions

Conversions Part 2

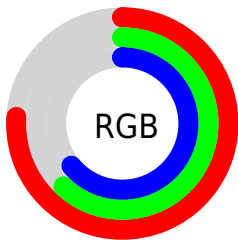
Format	Color
RYB	194, 159, 164
Decimal	12754852
CIELab	68.71, 13.72, 2.27
CIELCh	69, 13.902, 9.392
Yxy	38.9459, 0.3424, 0.3225
Android (android.graphics.Color)	4290944932 (0xFFC29FA4)
YUV	170.0350, -2.9753, 21.0173
Hunter-Lab	62.4067, 9.0523, 5.2453

Details

The XYZ color **41.3471, 38.9459, 40.4600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7767, 49.6296, 55.4715**, and the grayscale version is **38.2344, 40.2256, 43.8057**.

A 20% lighter version of the original color is **76.6164, 73.7168, 77.2085**, and **18.9975, 17.2607, 17.6596** is the 20% darker color. If you saturate the color by 10%, you get **36.8643, 32.2285, 32.0343**, and if you desaturate by 10%, it is **46.5521, 46.7926, 50.0963**.

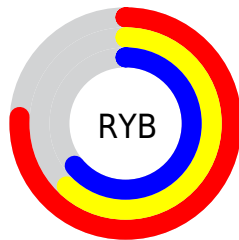
Distribution



Red (76%)

Green (62%)

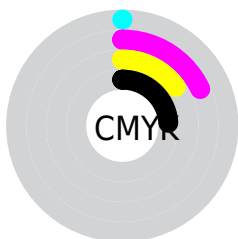
Blue (64%)



Red (76%)

Yellow (62%)

Blue (64%)

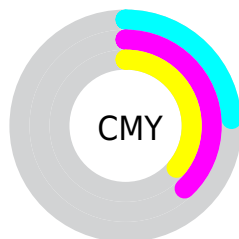


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3471, 38.9459, 40.4600 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 41.3471, 38.9459, 40.4600 by changing the saturation by 10% instead.


 41.3471, 38.9459,
40.4600


 41.3471, 38.9459,
40.4600


342.8071,
341.6604, 363.6682

 28.7793, 26.7176,
27.5809


 76.4819, 73.5557,
77.1082

 19.0573, 17.3613,
17.7737


 99.7796, 96.7060,
101.7144

 11.8160, 10.4924,
10.6199


127.3846,
124.2657, 131.0666

 6.6898, 5.7266,
5.7009

159.6623,
156.6194, 165.5835

 3.3135, 2.6796,
2.5982

196.9781,
194.1513, 205.6836

 1.3216, 0.9668,
0.8915

239.6972,

 0.1993, 0.0000,

237.2458, 251.7853

0.0000

288.1851,
286.2874, 304.3074

■ 0.0000, 0.0000,
0.0000

■ 41.3471, 38.9459,
40.4600

■ 41.3471, 38.9459,
40.4600

■ 36.8643, 32.2285,
32.0343

■ 46.5521, 46.7926,
50.0963

■ 33.0686, 26.5833,
24.7688

■ 52.5059, 55.8116,
60.9860

■ 29.9266, 21.9563,
18.6132

■ 59.2378, 66.0503,
73.1728

■ 27.4010, 18.2866,
13.5124

■ 66.7746, 77.5518,
86.6976

■ 25.4507, 15.5070,
9.4068

■ 74.8204, 89.7143,
101.4922

■ 24.0295, 13.5412,
6.2305

■ 76.0583, 90.2094,
108.0112

■ 23.0838, 12.3004,
3.9096

■ 22.5364, 11.6507,
2.3545

■ 22.4543, 11.5518,
2.1260

Harmonies

Analogous

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



41.1173, 38.9459, 46.8121



41.3471, 38.9459, 40.4600



40.3817, 38.9459, 35.1756

Triad

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



41.3471, 38.9459, 40.4600



34.3979, 38.9459, 33.7186



35.5485, 38.9459, 54.7796

Complementary

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



41.3471, 38.9459, 40.4600



42.7767, 49.6296, 55.4715

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.



33.8444, 38.9459, 50.5638



41.3471, 38.9459, 40.4600



33.1986, 38.9459, 38.2845

Square

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



41.3471, 38.9459, 40.4600



36.3312, 38.9459, 31.5453



33.0001, 38.9459, 44.4123



37.7112, 38.9459, 55.5095

Rectangle

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



41.3471, 38.9459, 40.4600



39.2118, 38.9459, 32.8139



33.0001, 38.9459, 44.4123



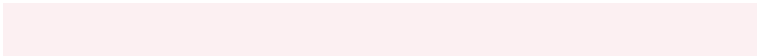
34.9055, 38.9459, 53.7046

Sweetspot

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



41.3482, 38.9477, 40.4608



87.3888, 89.3868, 96.3605



43.0612, 39.4800, 56.3902



18.9731, 19.3265, 20.8010



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.



41.3482, 38.9477, 40.4608



71.2543, 65.0717, 66.4612



43.1175, 43.1944, 38.8678



10.1305, 10.1008, 10.7776



14.7815, 7.6024, 1.4956



0.6579, 0.3362, 0.1661

Inverse Universe

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



41.3482, 38.9477, 40.4608



71.2543, 65.0717, 66.4612



40.7139, 44.6209, 57.5062



10.1305, 10.1008, 10.7776



14.7815, 7.6024, 1.4956



0.6579, 0.3362, 0.1661

Previews

White Background



This preview shows how the XYZ color 41.3471, 38.9459, 40.4600 looks on a white background.

Color Contrast Check

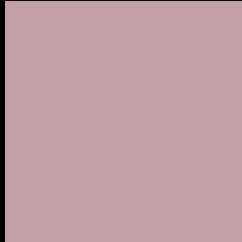
Large Text (above 18pt) WCAG AA × Fail

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 41.3471, 38.9459, 40.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

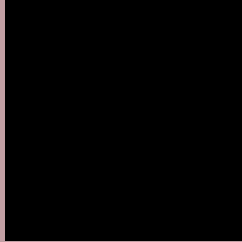
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3471, 38.9459, 40.4600

Background



This preview shows how black text looks on a background with the XYZ color 41.3471, 38.9459, 40.4600.



This preview shows how white text looks on a background with the XYZ color 41.3471, 38.9459,

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

41.3471, 38.9459, 40.4600

Protanopia

37.5577, 39.0481, 43.0936

Deuteranopia

39.7809, 38.9241, 40.0668



Tritanopia

41.9882, 38.9581, 43.3369

Trichromacy



Original Color

41.3471, 38.9459, 40.4600

Protanomaly

38.8409, 38.9246, 42.0253

Deuteranomaly

40.3420, 38.9529, 40.0427

Tritanomaly

41.8004, 38.8830, 42.3478

Monochromacy



Original Color

41.3471, 38.9459, 40.4600

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2945, 39.6833, 42.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3471, 38.9459, 40.4600 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, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 164)  
}
```

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, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.3471, 38.9459, 40.4600 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, 159, 164) }
```


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

```
.border{ border-color:rgb(194, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3471, 38.9459, 40.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 164) }
```

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

```
.background{ background-color: rgb(194,  
159, 164) }
```

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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