

Converting Colors

XYZ(38.7314, 40.8811, 41.8791)

Have a look what the booklet for
XYZ(38.7314, 40.8811, 41.8791)
contains.

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Color

**XYZ(38.6794, 40.7632,
41.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABA6
RGB	173, 171, 166
RGB Percent	68%, 67%, 65%
CMY	0.3216, 0.3294, 0.3490
CMYK	0.00, 0.01, 0.04, 0.32
HSL	43°, 4%, 66%
HSV	43°, 4%, 68%
XYZ	38.6794, 40.7632, 41.9059
YIQ	171.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

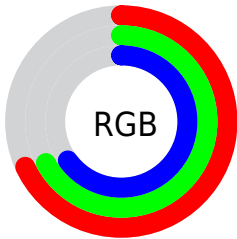
Format	Color
RYB	169, 173, 166
Decimal	11381670
CIELab	70.01, -0.21, 2.81
CIELCh	70, 2.821, 94.204
Yxy	40.7632, 0.3187, 0.3359
Android (android.graphics.Color)	4289571750 (0xFFADABA6)
YUV	171.0280, -2.4788, 1.7294
Hunter-Lab	63.8461, -3.5912, 5.7768

Details

The XYZ color **38.6794, 40.7632, 41.9059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2714, 39.1288, 45.1238**, and the grayscale version is **38.7347, 40.7520, 44.3789**.

A 20% lighter version of the original color is **72.2424, 76.1072, 79.2892**, and **17.5192, 18.4735, 18.5620** is the 20% darker color. If you saturate the color by 10%, you get **36.2836, 38.3423, 33.7973**, and if you desaturate by 10%, it is **41.3259, 43.3427, 51.1523**.

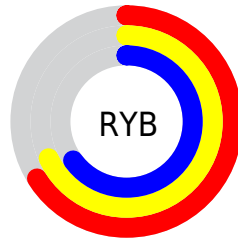
Distribution



Red (68%)

Green (67%)

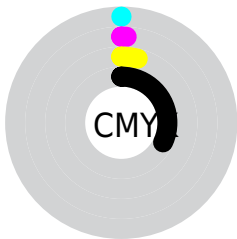
Blue (65%)



Red (66%)

Yellow (68%)

Blue (65%)

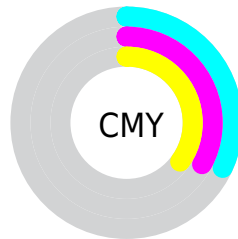


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6794, 40.7632, 41.9059 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 38.6794, 40.7632, 41.9059 by changing the saturation by 10% instead.

■ 38.6794, 40.7632,
41.9059

■ 38.6794, 40.7632,
41.9059

331.7562,
349.3299, 369.8809

■ 26.6900, 28.1341,
28.7026

■ 72.4455, 76.3243,
79.3257

■ 17.4759, 18.4268,
18.6123

■ 94.9529, 100.0251,
104.3794

■ 10.6718, 11.2568,
11.2165

121.6971,
128.1852, 134.2202

■ 5.9123, 6.2398,
6.0967

153.0433,
161.1891, 169.2667

■ 2.8320, 2.9915,
2.8342

189.3570,
199.4211, 209.9375

■ 1.0655, 1.1273,
1.0106

231.0035,

■ 0.0000, 0.0011,

243.2657, 256.6511

0.0000

278.3481,
293.1071, 309.8260

■ 0.0000, 0.0000,
0.0000

■ 38.6794, 40.7632,
41.9059

■ 38.6794, 40.7632,
41.9059

■ 36.2836, 38.3423,
33.7973

■ 41.3259, 43.3427,
51.1523

■ 34.1261, 36.0706,
26.7792

■ 44.2279, 46.0793,
61.5760

■ 32.1987, 33.9453,
20.8048

■ 47.3946, 48.9787,
73.2181

■ 30.4913, 31.9620,
15.8229

■ 50.8335, 52.0444,
86.1165

■ 28.9930, 30.1155,
11.7779

■ 54.5518, 55.2799,
100.3078

■ 27.6918, 28.4004,
8.6087

■ 56.0807, 57.6982,
102.7888

■ 26.5744, 26.8108,
6.2470

■ 57.2468, 60.0304,
103.1775

■ 25.6254, 25.3399,
4.6142

■ 58.4502, 62.4373,
103.5787

■ 24.8266, 23.9796,
3.6158

■ 59.6913, 64.9193,
103.9924

Harmonies

Analogous

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



39.1303, 40.7632, 42.1427



38.6794, 40.7632, 41.9059



38.2492, 40.7632, 42.3223

Triad

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



38.6794, 40.7632, 41.9059



38.0174, 40.7632, 45.8232



39.5459, 40.7632, 45.4955

Complementary

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



38.6794, 40.7632, 41.9059



37.2714, 39.1288, 45.1238

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.



39.2435, 40.7632, 46.5120



38.6794, 40.7632, 41.9059



38.3606, 40.7632, 46.7038

Square

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



38.6794, 40.7632, 41.9059



37.8689, 40.7632, 44.5701



38.8091, 40.7632, 46.9583



39.6329, 40.7632, 44.1988

Rectangle

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



38.6794, 40.7632, 41.9059



38.0313, 40.7632, 42.9192



38.8091, 40.7632, 46.9583



39.4659, 40.7632, 45.8821

Sweetspot

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



38.6805, 40.7650, 41.9068



70.6615, 74.3759, 79.8486



37.9476, 38.9882, 42.6207



15.3620, 16.1692, 17.3727



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.6805, 40.7650, 41.9068



68.8068, 72.5428, 73.4463



38.7526, 41.3663, 42.0191



8.6720, 9.1445, 9.1908



17.9740, 17.1535, 2.3636



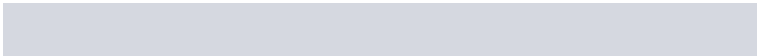
0.5435, 0.5642, 0.0803

Inverse Universe

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



37.2714, 39.1288, 45.1238



65.6552, 68.8836, 80.6412



37.2006, 38.5494, 45.0157



8.2361, 8.6384, 10.1860



6.4022, 3.9383, 29.4672



0.2252, 0.2038, 0.8354

Previews

White Background



This preview shows how the XYZ color 38.6794, 40.7632, 41.9059 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 38.6794, 40.7632, 41.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

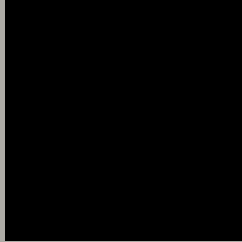
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6794, 40.7632, 41.9059

Background



This preview shows how black text looks on a background with the XYZ color 38.6794, 40.7632, 41.9059.



This preview shows how white text looks on a background with the XYZ color 38.6794, 40.7632,

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

38.6794, 40.7632, 41.9059

Protanopia

38.9369, 40.6166, 41.8640

Deuteranopia

41.4165, 40.5191, 42.1973



Tritanopia

40.3107, 40.8673, 50.0195

Trichromacy



Original Color

38.6794, 40.7632, 41.9059

Protanomaly

38.7132, 40.5013, 41.8535

Deuteranomaly

40.3222, 40.4947, 42.2503

Tritanomaly

39.6668, 40.8827, 46.8748

Monochromacy



Original Color

38.6794, 40.7632, 41.9059

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7376, 40.7610, 43.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6794, 40.7632, 41.9059 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(173, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 166)  
}
```

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(173, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.6794, 40.7632, 41.9059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

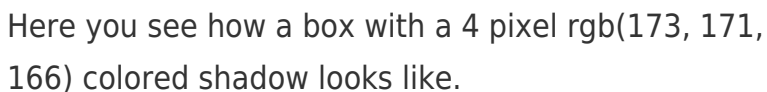
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 171, 166) }
```


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

```
.border{ border-color:rgb(173, 171, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 171, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 171, 166); box-shadow:4px 4px 4px 4px rgb(173, 171, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6794, 40.7632, 41.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 166) }
```

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

```
.background{ background-color: rgb(173,  
171, 166) }
```

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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