

Converting Colors

XYZ(38.7082, 38.5889, 48.0008)

Have a look what the booklet for
XYZ(38.7082, 38.5889, 48.0008)
contains.

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Color

**XYZ(38.6894, 38.4477,
48.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3B3
RGB	174, 163, 179
RGB Percent	68%, 64%, 70%
CMY	0.3176, 0.3608, 0.2980
CMYK	0.03, 0.09, 0.00, 0.30
HSL	281°, 10%, 67%
HSV	281°, 9%, 70%
XYZ	38.6894, 38.4477, 48.0298
YIQ	168.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

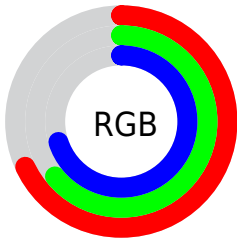
Format	Color
RYB	174, 163, 179
Decimal	11445171
CIELab	68.35, 6.98, -6.82
CIElCh	68, 9.758, 315.687
Yxy	38.4477, 0.3091, 0.3072
Android (android.graphics.Color)	4289635251 (0xFFAEA3B3)
YUV	168.1130, 5.3673, 5.1629
Hunter-Lab	62.0062, 2.8660, -2.5215

Details

The XYZ color **38.6894, 38.4477, 48.0298** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8808, 43.2104, 40.9434**, and the grayscale version is **37.2498, 39.1897, 42.6776**.

A 20% lighter version of the original color is **72.3799, 72.7990, 88.8340**, and **17.4764, 17.0128, 22.1014** is the 20% darker color. If you saturate the color by 10%, you get **34.5132, 31.9068, 46.9880**, and if you desaturate by 10%, it is **43.3696, 45.9184, 49.2257**.

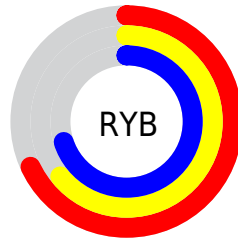
Distribution



Red (68%)

Green (64%)

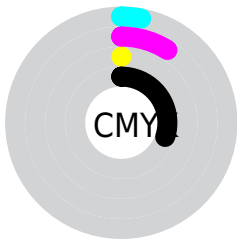
Blue (70%)



Red (68%)

Yellow (64%)

Blue (70%)

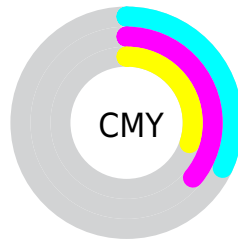


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6894, 38.4477, 48.0298 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 38.6894, 38.4477, 48.0298 by changing the saturation by 10% instead.

■ 38.6894, 38.4477,
48.0298

■ 38.6894, 38.4477,
48.0298

331.7981,
339.5366, 395.4224

■ 26.6978, 26.3303,
33.4903

■ 72.4607, 72.7938,
88.6148

■ 17.4818, 17.0709,
22.2281

■ 94.9711, 95.7914,
115.4974

■ 10.6760, 10.2851,
13.8247

121.7186,
123.1845, 147.3314

■ 5.9151, 5.5884,
7.8615

153.0683,
155.3575, 184.5355

■ 2.8337, 2.5964,
3.9200

189.3858,
192.6948, 227.5280

■ 1.0664, 0.9249,
1.5815

231.0364,

■ 0.0000, 0.0000,

235.5808, 276.7277

0.2776

278.3853,
284.4000, 332.5529

■ 0.0000, 0.0000,
0.0000

■ 38.6894, 38.4477,
48.0298

■ 38.6894, 38.4477,
48.0298

■ 34.5132, 31.9068,
46.9880

■ 43.3696, 45.9184,
49.2257

■ 30.8183, 26.2528,
46.0914

■ 48.5688, 54.3495,
50.5790

■ 27.5849, 21.4469,
45.3342

■ 54.3054, 63.7767,
52.0963

■ 24.7908, 17.4451,
44.7090

■ 60.5959, 74.2319,
53.7828

■ 22.4115, 14.1998,
44.2080

■ 67.4561, 85.7459,
55.6437

■ 20.4202, 11.6579,
43.8223

■ 69.7883, 88.1223,
55.9794

■ 18.7861, 9.7595,
43.5420

■ 71.3850, 88.9454,
56.0542

■ 17.4738, 8.4343,
43.3554

■ 73.0376, 89.7974,
56.1315

■ 16.4190, 7.5550,
43.2413

■ 74.7469, 90.6785,
56.2115

Harmonies

Analogous

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



37.3447, 38.4477, 50.5110



38.6894, 38.4477, 48.0298



39.4691, 38.4477, 43.9809

Triad

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



38.6894, 38.4477, 48.0298



37.2756, 38.4477, 34.2174



33.7832, 38.4477, 44.1830

Complementary

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



38.6894, 38.4477, 48.0298



38.8808, 43.2104, 40.9434

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.



33.7659, 38.4477, 39.8142



38.6894, 38.4477, 48.0298



35.7536, 38.4477, 34.2631

Square

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



38.6894, 38.4477, 48.0298



38.6376, 38.4477, 36.1184



34.4782, 38.4477, 36.2480



34.5263, 38.4477, 48.1866

Rectangle

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



38.6894, 38.4477, 48.0298



39.5501, 38.4477, 41.0335



34.4782, 38.4477, 36.2480



33.6931, 38.4477, 42.7036

Sweetspot

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



38.6905, 38.4493, 48.0306



74.1145, 76.5295, 87.2466



37.2574, 39.0727, 48.2265



16.2704, 16.7160, 19.2912



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.6905, 38.4493, 48.0306



67.5332, 66.0834, 85.5772



39.5318, 38.9169, 46.5379



8.5865, 8.5109, 10.6965



11.5966, 5.3141, 30.5515



0.4217, 0.1965, 0.9639

Inverse Universe

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



38.7568, 38.6070, 42.4569



67.6946, 66.4405, 73.2117



38.1025, 42.7784, 42.2949



8.6021, 8.5476, 9.4033



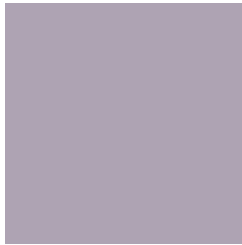
13.6667, 6.9842, 3.4047



0.4570, 0.2306, 0.2493

Previews

White Background



This preview shows how the XYZ color 38.6894, 38.4477, 48.0298 looks on a white background.

Color Contrast Check

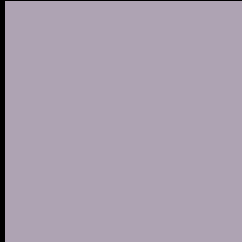
Large Text (above 18pt) WCAG AA × Fail

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 38.6894, 38.4477, 48.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

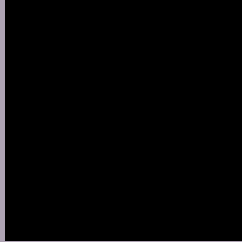
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6894, 38.4477, 48.0298

Background



This preview shows how black text looks on a background with the XYZ color 38.6894, 38.4477, 48.0298.



This preview shows how white text looks on a background with the XYZ color 38.6894, 38.4477,

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

38.6894, 38.4477, 48.0298

Protanopia

37.7026, 38.7156, 49.2018

Deuteranopia

39.1885, 38.4424, 48.0025



Tritanopia

38.3892, 38.3276, 46.4489

Trichromacy



Original Color

38.6894, 38.4477, 48.0298

Protanomaly

38.0555, 38.6406, 48.6326

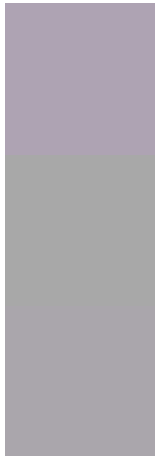
Deuteranomaly

38.9615, 38.3254, 47.9919

Tritanomaly

38.4886, 38.3674, 46.9721

Monochromacy



Original Color

38.6894, 38.4477, 48.0298

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6602, 38.7970, 44.5334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6894, 38.4477, 48.0298 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(174, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 179)  
}
```

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(174, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.6894, 38.4477, 48.0298 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(174, 163, 179) }
```


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

```
.border{ border-color:rgb(174, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6894, 38.4477, 48.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 179) }
```

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

```
.background{ background-color: rgb(174,  
163, 179) }
```

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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