

Converting Colors

XYZ(38.9125, 38.1888, 46.3505)

Have a look what the booklet for
XYZ(38.9125, 38.1888, 46.3505)
contains.

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Color

**XYZ(38.9414, 38.0893,
46.3738)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A1B0
RGB	178, 161, 176
RGB Percent	70%, 63%, 69%
CMY	0.3020, 0.3686, 0.3098
CMYK	0.00, 0.10, 0.01, 0.30
HSL	307°, 10%, 66%
HSV	307°, 10%, 70%
XYZ	38.9414, 38.0893, 46.3738
YIQ	167.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

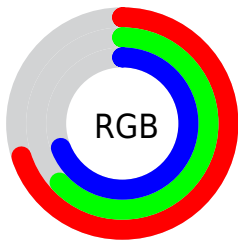
Format	Color
RYB	178, 161, 176
Decimal	11706800
CIELab	68.09, 8.92, -5.50
CIElCh	68, 10.477, 328.339
Yxy	38.0893, 0.3156, 0.3087
Android (android.graphics.Color)	4289896880 (0xFFB2A1B0)
YUV	167.7930, 4.0461, 8.9515
Hunter-Lab	61.7165, 4.6246, -1.3489

Details

The XYZ color **38.9414, 38.0893, 46.3738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2306, 42.0632, 40.8090**, and the grayscale version is **37.0978, 39.0298, 42.5035**.

A 20% lighter version of the original color is **73.0530, 72.4304, 86.4741**, and **17.5642, 16.7525, 21.3766** is the 20% darker color. If you saturate the color by 10%, you get **35.8443, 32.2237, 44.3273**, and if you desaturate by 10%, it is **42.4867, 44.8451, 48.5864**.

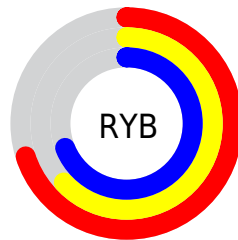
Distribution



Red (70%)

Green (63%)

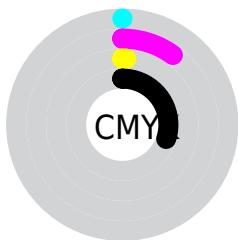
Blue (69%)



Red (70%)

Yellow (63%)

Blue (69%)

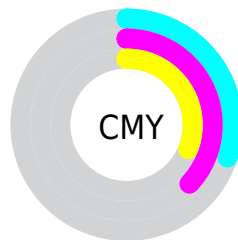


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9414, 38.0893, 46.3738 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 38.9414, 38.0893, 46.3738 by changing the saturation by 10% instead.

■ 38.9414, 38.0893,
46.3738

■ 38.9414, 38.0893,
46.3738

332.8527,
338.0029, 388.6306

■ 26.8947, 26.0520,
32.1901

■ 72.8434, 72.2450,
86.1183

■ 17.6303, 16.8625,
21.2407

■ 95.4294, 95.1322,
112.5162

■ 10.7830, 10.1365,
13.1071

122.2592,
122.4048, 143.8226

■ 5.9873, 5.4896,
7.3708

153.6982,
154.4472, 180.4560

■ 2.8779, 2.5373,
3.6131

190.1117,
191.6438, 222.8349

■ 1.0896, 0.8952,
1.4156

231.8650,

■ 0.0163, 0.0000,

234.3790, 271.3780

0.1538

279.3236,
283.0373, 326.5037

■ 0.0000, 0.0000,
0.0000

■ 38.9414, 38.0893,
46.3738

■ 38.9414, 38.0893,
46.3738

■ 35.8443, 32.2237,
44.3273

■ 42.4867, 44.8451,
48.5864

■ 33.1735, 27.2062,
42.4381

■ 46.4945, 52.5212,
50.9686

■ 30.9102, 22.9985,
40.7003

■ 50.9823, 61.1524,
53.5268

■ 29.0328, 19.5575,
39.1068

■ 55.9661, 70.7702,
56.2662

■ 27.5177, 16.8362,
37.6495

■ 61.4607, 81.4046,
59.1920

■ 26.3388, 14.7824,
36.3197

■ 63.2588, 84.6405,
60.9017

■ 25.4665, 13.3366,
35.1075

■ 63.4872, 84.7318,
62.1043

■ 24.8659, 12.4293,
34.0011

■ 63.7188, 84.8245,
63.3244

■ 24.4677, 11.9220,
32.9774

■ 63.9538, 84.9185,
64.5618

Harmonies

Analogous

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



37.7136, 38.0893, 49.9010



38.9414, 38.0893, 46.3738



39.4326, 38.0893, 41.7340

Triad

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



38.9414, 38.0893, 46.3738



36.2938, 38.0893, 33.1185



33.5091, 38.0893, 45.8891

Complementary

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



38.9414, 38.0893, 46.3738



37.2306, 42.0632, 40.8090

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.



33.1542, 38.0893, 41.2126



38.9414, 38.0893, 46.3738



34.7328, 38.0893, 34.0514

Square

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



38.9414, 38.0893, 46.3738



37.8759, 38.0893, 34.2805



33.5956, 38.0893, 36.9298



34.5796, 38.0893, 49.6067

Rectangle

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



38.9414, 38.0893, 46.3738



39.2655, 38.0893, 38.7075



33.5956, 38.0893, 36.9298



33.3036, 38.0893, 44.3667

Sweetspot

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



38.9425, 38.0909, 46.3746



74.7005, 76.8450, 86.6678



35.8832, 36.4908, 47.2722



16.4341, 16.8041, 19.1294



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.



38.9425, 38.0909, 46.3746



69.6421, 67.2195, 83.4669



38.1291, 37.7656, 42.0915



8.8061, 8.6292, 10.4774



17.5098, 8.5215, 23.6425



0.5630, 0.2730, 0.8076

Inverse Universe

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



38.9425, 38.0909, 46.3746



69.6421, 67.2195, 83.4669



38.0165, 42.3775, 44.9472



8.8061, 8.6292, 10.4774



17.5098, 8.5215, 23.6425



0.5630, 0.2730, 0.8076

Previews

White Background



This preview shows how the XYZ color 38.9414, 38.0893, 46.3738 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 38.9414, 38.0893, 46.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

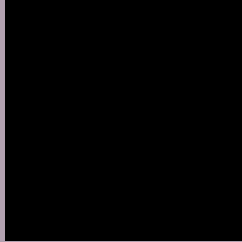
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9414, 38.0893, 46.3738

Background



This preview shows how black text looks on a background with the XYZ color 38.9414, 38.0893, 46.3738.



This preview shows how white text looks on a background with the XYZ color 38.9414, 38.0893,

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

38.9414, 38.0893, 46.3738

Protanopia

37.0081, 38.1240, 47.5276

Deuteranopia

38.9414, 38.0893, 46.3738



Tritanopia

38.7449, 38.0107, 45.3391

Trichromacy



Original Color

38.9414, 38.0893, 46.3738

Protanomaly

37.7888, 38.2713, 46.9904

Deuteranomaly

38.9414, 38.0893, 46.3738

Tritanomaly

38.8428, 38.0499, 45.8546

Monochromacy



Original Color

38.9414, 38.0893, 46.3738

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8191, 38.6212, 43.9894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9414, 38.0893, 46.3738 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(178, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 176)  
}
```

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(178, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.9414, 38.0893, 46.3738 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(178, 161, 176) }
```


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

```
.border{ border-color:rgb(178, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9414, 38.0893, 46.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 176) }
```

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

```
.background{ background-color: rgb(178,  
161, 176) }
```

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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