

Converting Colors

XYZ(38.7044, 41.1191, 34.6845)

Have a look what the booklet for
XYZ(38.7044, 41.1191, 34.6845)
contains.

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Color

**XYZ(38.8480, 41.2908,
34.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AC96
RGB	179, 172, 150
RGB Percent	70%, 67%, 59%
CMY	0.2980, 0.3255, 0.4118
CMYK	0.00, 0.04, 0.16, 0.30
HSL	46°, 16%, 65%
HSV	46°, 16%, 70%
XYZ	38.8480, 41.2908, 34.7766
YIQ	171.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

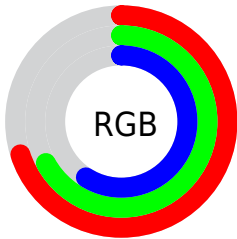
Format	Color
RYB	159, 179, 150
Decimal	11775126
CIELab	70.38, -1.26, 12.22
CIELCh	70, 12.283, 95.896
Yxy	41.2908, 0.3381, 0.3593
Android (android.graphics.Color)	4289965206 (0xFFB3AC96)
YUV	171.5850, -10.6414, 6.5030
Hunter-Lab	64.2579, -4.5367, 12.8926

Details

The XYZ color **38.8480, 41.2908, 34.7766** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7713, 33.8520, 47.4551**, and the grayscale version is **39.0520, 41.0858, 44.7424**.

A 20% lighter version of the original color is **72.6291, 76.9600, 68.1535**, and **17.5728, 18.7694, 14.5011** is the 20% darker color. If you saturate the color by 10%, you get **36.7071, 39.1420, 27.4867**, and if you desaturate by 10%, it is **41.2380, 43.5848, 43.2369**.

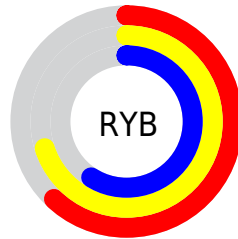
Distribution



Red (70%)

Green (67%)

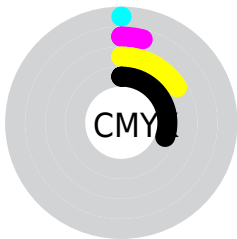
Blue (59%)



Red (62%)

Yellow (70%)

Blue (59%)

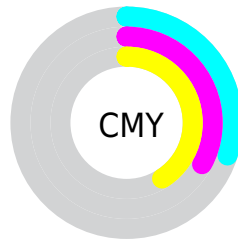


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8480, 41.2908, 34.7766 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 38.8480, 41.2908, 34.7766 by changing the saturation by 10% instead.

■ 38.8480, 41.2908,
34.7766

■ 38.8480, 41.2908,
34.7766

332.4621,
351.5345, 338.4554

■ 26.8217, 28.5464,
23.2087

■ 72.7016, 77.1251,
68.2872

■ 17.5752, 18.7379,
14.5409

■ 95.2596, 100.9839,
91.0669

■ 10.7433, 11.4811,
8.3548

122.0589,
129.3161, 118.4210

■ 5.9605, 6.3914,
4.2318

153.4649,
162.5063, 150.7679

■ 2.8615, 3.0845,
1.7533

189.8428,
200.9389, 188.5263

■ 1.0810, 1.1760,
0.3969

231.5581,

■ 0.0091, 0.0420,

244.9982, 232.1147

0.0000

278.9761,
295.0686, 281.9515

■ 0.0000, 0.0000,
0.0000

■ 38.8480, 41.2908,
34.7766

■ 38.8480, 41.2908,
34.7766

■ 36.7071, 39.1420,
27.4867

■ 41.2380, 43.5848,
43.2369

■ 34.8019, 37.1284,
21.3120

■ 43.8835, 46.0227,
52.9142

■ 33.1224, 35.2471,
16.1968

■ 46.7945, 48.6103,
63.8557

■ 31.6567, 33.4928,
12.0796

■ 49.9796, 51.3515,
76.1053

■ 30.3917, 31.8599,
8.8925

■ 53.4470, 54.2499,
89.7049

■ 29.3127, 30.3420,
6.5590

■ 56.8153, 57.1533,
102.6449

■ 28.4024, 28.9319,
4.9903

■ 57.8160, 59.1547,
102.9785

■ 27.6386, 27.6202,
4.0698

■ 58.8451, 61.2128,
103.3215

■ 27.3689, 27.1404,
3.7961

■ 59.9027, 63.3281,
103.6741

Harmonies

Analogous

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



40.8534, 41.2908, 35.5500



38.8480, 41.2908, 34.7766



37.0121, 41.2908, 36.5361

Triad

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



38.8480, 41.2908, 34.7766



36.1826, 41.2908, 51.8013



42.8990, 41.2908, 49.6562

Complementary

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



38.8480, 41.2908, 34.7766



32.7713, 33.8520, 47.4551

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.



41.5673, 41.2908, 54.5853



38.8480, 41.2908, 34.7766



37.6807, 41.2908, 55.8962

Square

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



38.8480, 41.2908, 34.7766



35.5075, 41.2908, 46.1111



39.6460, 41.2908, 56.9562



43.2374, 41.2908, 43.8256

Rectangle

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



38.8480, 41.2908, 34.7766



36.1166, 41.2908, 39.0056



39.6460, 41.2908, 56.9562



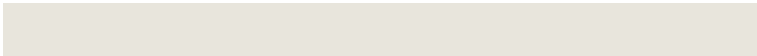
42.5505, 41.2908, 51.4886

Sweetspot

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



38.8491, 41.2926, 34.7775



74.3614, 78.5328, 79.2604



35.6044, 33.8399, 36.6661



16.4049, 17.3335, 17.3078



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.



38.8491, 41.2926, 34.7775



68.3335, 72.7247, 57.9903



38.5840, 43.1851, 35.1567



9.0199, 9.5523, 9.0209



19.3924, 19.2834, 2.7000



0.6521, 0.6907, 0.0989

Inverse Universe

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



32.7713, 33.8520, 47.4551



55.6328, 57.1771, 84.4853



32.9970, 32.2613, 47.1361



8.2029, 8.5521, 10.7247



6.4086, 3.6176, 30.4975



0.2477, 0.2059, 0.9749

Previews

White Background



This preview shows how the XYZ color 38.8480, 41.2908, 34.7766 looks on a white background.

Color Contrast Check

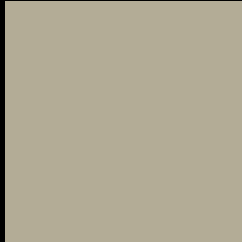
Large Text (above 18pt) WCAG AA × Fail

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 38.8480, 41.2908, 34.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

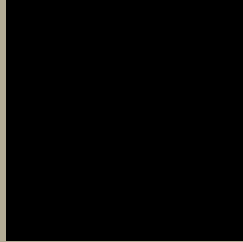
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8480, 41.2908, 34.7766

Background



This preview shows how black text looks on a background with the XYZ color 38.8480, 41.2908, 34.7766.



This preview shows how white text looks on a background with the XYZ color 38.8480, 41.2908,

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

38.8480, 41.2908, 34.7766

Protanopia

39.0799, 41.4104, 34.7874

Deuteranopia

41.9871, 41.2426, 35.0258



Tritanopia

41.8716, 41.4087, 49.5019

Trichromacy



Original Color

38.8480, 41.2908, 34.7766

Protanomaly

39.0799, 41.4104, 34.7874

Deuteranomaly

40.8238, 41.1868, 35.0764

Tritanomaly

40.7351, 41.2233, 43.8401

Monochromacy



Original Color

38.8480, 41.2908, 34.7766

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1326, 41.2993, 41.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8480, 41.2908, 34.7766 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(179, 172, 150)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 150)  
}
```

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(179, 172, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.8480, 41.2908, 34.7766 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(179, 172, 150) }
```


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

```
.border{ border-color:rgb(179, 172, 150) }
```

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

Here you see how a box with a 4 pixel rgb(179, 172, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 150);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8480, 41.2908, 34.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 150) }
```

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

```
.background{ background-color: rgb(179,  
172, 150) }
```

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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