

Converting Colors

XYZ(38.2150, 43.3908, 30.7872)

Have a look what the booklet for
XYZ(38.2150, 43.3908, 30.7872)
contains.

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Color

**XYZ(38.2150, 43.3908,
30.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB48B
RGB	173, 180, 139
RGB Percent	68%, 71%, 55%
CMY	0.3216, 0.2941, 0.4549
CMYK	0.04, 0.00, 0.23, 0.29
HSL	70°, 21%, 63%
HSV	70°, 23%, 71%
XYZ	38.2150, 43.3908, 30.7872
YIQ	173.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

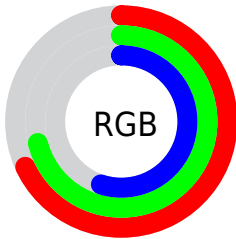
Format	Color
RYB	139, 180, 146
Decimal	11383947
CIELab	71.82, -9.50, 20.14
CIELCh	72, 22.269, 115.242
Yxy	43.3908, 0.3400, 0.3861
Android (android.graphics.Color)	4289574027 (0xFFADB48B)
YUV	173.2330, -16.8769, -0.2043
Hunter-Lab	65.8717, -11.7199, 18.3991

Details

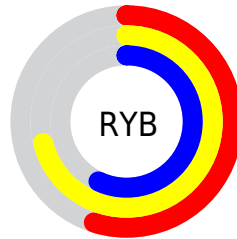
The XYZ color **38.2150, 43.3908, 30.7872** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.3266, 27.8727, 47.0167**, and the grayscale version is **39.9205, 41.9995, 45.7375**.

A 20% lighter version of the original color is **71.9342, 80.4992, 62.1986**, and **17.1383, 19.8931, 12.3877** is the 20% darker color. If you saturate the color by 10%, you get **36.3349, 42.5626, 24.3899**, and if you desaturate by 10%, it is **40.3296, 44.3176, 38.3277**.

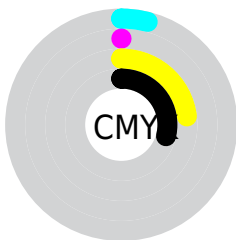
Distribution



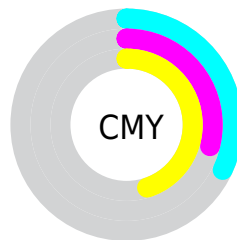
- Red (68%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2150, 43.3908, 30.7872 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 38.2150, 43.3908, 30.7872 by changing the saturation by 10% instead.

■ 38.2150, 43.3908,
30.7872

■ 38.2150, 43.3908,
30.7872

■ 329.8063,
360.2165, 319.8775

■ 26.3276, 30.1919,
20.1798

■ 71.7393, 80.3003,
61.9805

■ 17.2028, 19.9843,
12.3404

■ 94.1069, 104.7796,
83.4035

■ 10.4754, 12.3836,
6.8506

■ 120.6987,
133.7878, 109.2687

■ 5.7800, 7.0055,
3.2918

■ 151.8798,
167.7093, 139.9947

■ 2.7511, 3.4655,
1.2455

■ 188.0158,
206.9286, 176.0001

■ 1.0236, 1.3793,
0.0165

■ 229.4720,

■ 0.0000, 0.2014,

251.8299, 217.7033

0.0000

276.6137,
302.7978, 265.5229

■ 0.0000, 0.0000,
0.0000

■ 38.2150, 43.3908,
30.7872

■ 38.2150, 43.3908,
30.7872

■ 36.3349, 42.5626,
24.3899

■ 40.3296, 44.3176,
38.3277

■ 34.6752, 41.8228,
19.0772

■ 42.6854, 45.3411,
47.0607

■ 33.2255, 41.1689,
14.7896

■ 45.2927, 46.4672,
57.0357

■ 31.9730, 40.5956,
11.4607

■ 48.1604, 47.6992,
68.2988

■ 30.9036, 40.0973,
9.0164

■ 51.2970, 49.0407,
80.8937

■ 30.0011, 39.6675,
7.3716

■ 54.7104, 50.4947,
94.8620

■ 29.2459, 39.2984,
6.4246

■ 56.7551, 51.4031,
101.5382

■ 28.7634, 39.0580,
6.0230

■ 57.5553, 51.8157,
101.5757

■ 58.3720, 52.2367,
101.6139

Harmonies

Analogous

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



41.8484, 43.3908, 29.3676



38.2150, 43.3908, 30.7872



35.5462, 43.3908, 36.3295

Triad

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



38.2150, 43.3908, 30.7872



37.2296, 43.3908, 66.5237



48.9287, 43.3908, 48.9956

Complementary

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



38.2150, 43.3908, 30.7872



29.3266, 27.8727, 47.0167

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.



47.5152, 43.3908, 60.1539



38.2150, 43.3908, 30.7872



40.6408, 43.3908, 71.2122

Square

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



38.2150, 43.3908, 30.7872



35.0021, 43.3908, 56.7036



44.4240, 43.3908, 68.7198



48.1818, 43.3908, 38.9018

Rectangle

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



38.2150, 43.3908, 30.7872



34.5960, 43.3908, 42.1314



44.4240, 43.3908, 68.7198



48.6881, 43.3908, 52.7569

Sweetspot

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



38.2161, 43.3927, 30.7881



75.4843, 81.3806, 78.1814



33.7373, 32.0750, 28.8396



16.2609, 17.5658, 16.6974



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.



38.2161, 43.3927, 30.7881



67.6415, 77.9501, 50.1379



34.0570, 41.2486, 30.5935



9.0518, 9.8318, 9.0732



20.1235, 27.2841, 4.2057



0.6707, 0.8778, 0.1341

Inverse Universe

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



29.3266, 27.8727, 47.0167



48.8592, 45.1530, 84.4349



33.2681, 29.9046, 47.2011



8.1728, 8.2976, 10.6772



6.1792, 2.5213, 30.2980



0.2354, 0.1005, 0.9552

Previews

White Background



This preview shows how the XYZ color 38.2150, 43.3908, 30.7872 looks on a white background.

Color Contrast Check

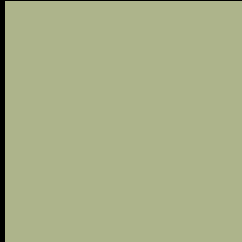
Large Text (above 18pt) WCAG AA × Fail

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 38.2150, 43.3908, 30.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

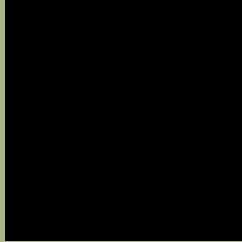
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2150, 43.3908, 30.7872

Background



This preview shows how black text looks on a background with the XYZ color 38.2150, 43.3908, 30.7872.



This preview shows how white text looks on a background with the XYZ color 38.2150, 43.3908,

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

38.2150, 43.3908, 30.7872

Protanopia

40.5342, 43.4216, 29.9117

Deuteranopia

44.1725, 43.2782, 31.2247



Tritanopia

42.9281, 43.5633, 53.1597

Trichromacy



Original Color

38.2150, 43.3908, 30.7872

Protanomaly

39.6010, 43.2243, 30.3007

Deuteranomaly

41.6695, 43.1180, 30.9373

Tritanomaly

40.9125, 43.3001, 44.2316

Monochromacy



Original Color

38.2150, 43.3908, 30.7872

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1919, 42.5081, 39.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2150, 43.3908, 30.7872 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, 180, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 139)  
}
```

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, 180, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.2150, 43.3908, 30.7872 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, 180, 139) }
```


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

```
.border{ border-color:rgb(173, 180, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2150, 43.3908, 30.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 139) }
```

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

```
.background{ background-color: rgb(173,  
180, 139) }
```

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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