

Converting Colors

XYZ(38.3049, 38.8155, 46.5476)

Have a look what the booklet for
XYZ(38.3049, 38.8155, 46.5476)
contains.

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Color

**XYZ(38.3049, 38.8155,
46.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA5B0
RGB	172, 165, 176
RGB Percent	67%, 65%, 69%
CMY	0.3255, 0.3529, 0.3098
CMYK	0.02, 0.06, 0.00, 0.31
HSL	278°, 7%, 67%
HSV	278°, 6%, 69%
XYZ	38.3049, 38.8155, 46.5476
YIQ	168.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

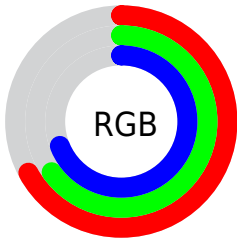
Format	Color
RYB	172, 165, 176
Decimal	11314608
CIELab	68.62, 4.59, -4.77
CIElCh	69, 6.624, 313.917
Yxy	38.8155, 0.3097, 0.3139
Android (android.graphics.Color)	4289504688 (0xFFACA5B0)
YUV	168.3470, 3.7729, 3.2037
Hunter-Lab	62.3021, 0.7177, -0.6857

Details

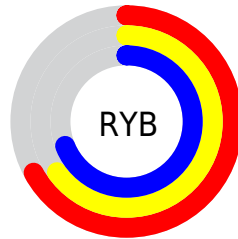
The XYZ color **38.3049, 38.8155, 46.5476** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6805, 42.2033, 41.7066**, and the grayscale version is **37.3727, 39.3190, 42.8184**.

A 20% lighter version of the original color is **71.8372, 73.3435, 86.7144**, and **17.2889, 17.2586, 21.4888** is the 20% darker color. If you saturate the color by 10%, you get **33.9754, 32.1918, 45.4979**, and if you desaturate by 10%, it is **43.1412, 46.3512, 47.7478**.

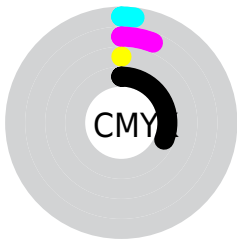
Distribution



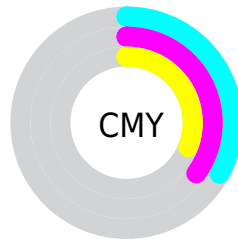
- Red (67%)
- Green (65%)
- Blue (69%)



- Red (67%)
- Yellow (65%)
- Blue (69%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3049, 38.8155, 46.5476 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 38.3049, 38.8155, 46.5476 by changing the saturation by 10% instead.

■ 38.3049, 38.8155,
46.5476

■ 38.3049, 38.8155,
46.5476

330.1844,
341.1054, 389.3472

■ 26.3977, 26.6162,
32.3264

■ 71.8761, 73.3564,
86.3808

■ 17.2556, 17.2852,
21.3440

■ 94.2709, 96.4668,
112.8299

■ 10.5134, 10.4380,
13.1820

120.8921,
123.9830, 144.1921

■ 5.8055, 5.6904,
7.4218

152.1053,
156.2895, 180.8858

■ 2.7667, 2.6577,
3.6448

188.2758,
193.7705, 223.3296

■ 1.0316, 0.9558,
1.4326

229.7689,

■ 0.0000, 0.0000,

236.8106, 271.9421

0.1670

276.9500,
285.7941, 327.1418

■ 0.0000, 0.0000,
0.0000

■ 38.3049, 38.8155,
46.5476

■ 38.3049, 38.8155,
46.5476

■ 33.9754, 32.1918,
45.4979

■ 43.1412, 46.3512,
47.7478

■ 30.1307, 26.4390,
44.5901

■ 48.4985, 54.8278,
49.1016

■ 26.7520, 21.5206,
43.8188

■ 54.3948, 64.2790,
50.6151

■ 23.8178, 17.3952,
43.1772

■ 60.8460, 74.7355,
52.2934

■ 21.3051, 14.0179,
42.6578

■ 67.8673, 86.2266,
54.1413

■ 19.1883, 11.3392,
42.2523

■ 70.2916, 88.4164,
54.4362

■ 17.4387, 9.3035,
41.9516

■ 72.1555, 89.3773,
54.5235

■ 16.0234, 7.8462,
41.7449

■ 74.0933, 90.3763,
54.6142

■ 14.8985, 6.8816,
41.6180

■ 76.1056, 91.4137,
54.7083

Harmonies

Analogous

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



37.3786, 38.8155, 48.1014



38.3049, 38.8155, 46.5476



38.8584, 38.8155, 43.8785

Triad

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



38.3049, 38.8155, 46.5476



37.4526, 38.8155, 36.9696



34.9760, 38.8155, 43.6633

Complementary

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



38.3049, 38.8155, 46.5476



38.6805, 42.2033, 41.7066

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.



34.9950, 38.8155, 40.6886



38.3049, 38.8155, 46.5476



36.4116, 38.8155, 36.9182

Square

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



38.3049, 38.8155, 46.5476



38.3600, 38.8155, 38.3948



35.5162, 38.8155, 38.2506



35.4638, 38.8155, 46.3837

Rectangle

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



38.3049, 38.8155, 46.5476



38.9350, 38.8155, 41.8714



35.5162, 38.8155, 38.2506



34.9236, 38.8155, 42.6580

Sweetspot

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



38.3060, 38.8172, 46.5484



73.0549, 75.9532, 85.3053



37.5492, 39.5238, 46.7247



15.8531, 16.4928, 18.4922



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.3060, 38.8172, 46.5484



68.7509, 69.2853, 84.2451



39.0529, 39.2189, 45.8301



8.7375, 8.7862, 10.7417



10.7172, 4.8607, 30.5103



0.3985, 0.1845, 0.9629

Inverse Universe

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



38.5224, 39.0067, 43.0367



69.1995, 69.6771, 77.0117



37.9696, 41.8214, 42.3741



8.7975, 8.8387, 9.7757



13.8421, 7.0544, 4.3284



0.4642, 0.2334, 0.2869

Previews

White Background



This preview shows how the XYZ color 38.3049, 38.8155, 46.5476 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 38.3049, 38.8155, 46.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

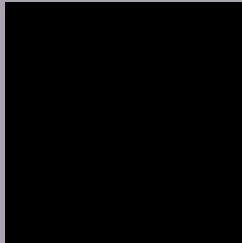
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3049, 38.8155, 46.5476

Background



This preview shows how black text looks on a background with the XYZ color 38.3049, 38.8155, 46.5476.



This preview shows how white text looks on a background with the XYZ color 38.3049, 38.8155,

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

38.3049, 38.8155, 46.5476

Protanopia

37.7205, 38.7716, 47.0906

Deuteranopia

39.4465, 38.5987, 46.9662



Tritanopia

38.5043, 38.8953, 47.5976

Trichromacy



Original Color

38.3049, 38.8155, 46.5476

Protanomaly

37.9342, 38.8818, 47.1006

Deuteranomaly

38.9375, 38.5988, 46.9931

Tritanomaly

38.4042, 38.8552, 47.0707

Monochromacy



Original Color

38.3049, 38.8155, 46.5476

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5316, 39.0127, 44.0802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3049, 38.8155, 46.5476 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(172, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 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(172, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.3049, 38.8155, 46.5476 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(172, 165, 176) }
```


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

```
.border{ border-color:rgb(172, 165, 176) }
```

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

Here you see how a box with a 4 pixel rgb(172, 165, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3049, 38.8155, 46.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 176) }
```

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

```
.background{ background-color: rgb(172,  
165, 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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