

Converting Colors

XYZ(38.0563, 38.1685, 48.3866)

Have a look what the booklet for
XYZ(38.0563, 38.1685, 48.3866)
contains.

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Color

**XYZ(38.1300, 38.1476,
48.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA3B4
RGB	171, 163, 180
RGB Percent	67%, 64%, 71%
CMY	0.3294, 0.3608, 0.2941
CMYK	0.05, 0.09, 0.00, 0.29
HSL	268°, 10%, 67%
HSV	268°, 9%, 71%
XYZ	38.1300, 38.1476, 48.5336
YIQ	167.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

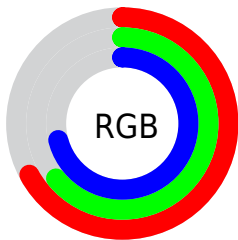
Format	Color
RYB	171, 163, 180
Decimal	11248564
CIELab	68.13, 6.14, -7.73
CIElCh	68, 9.866, 308.455
Yxy	38.1476, 0.3055, 0.3056
Android (android.graphics.Color)	4289438644 (0xFFABA3B4)
YUV	167.3300, 6.2463, 3.2186
Hunter-Lab	61.7637, 2.1109, -3.3551

Details

The XYZ color **38.1300, 38.1476, 48.5336** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9468, 44.0586, 41.0509**, and the grayscale version is **36.8632, 38.7829, 42.2346**.

A 20% lighter version of the original color is **71.5758, 72.3677, 89.5528**, and **17.1230, 16.8231, 22.4234** is the 20% darker color. If you saturate the color by 10%, you get **33.1573, 31.1734, 47.4501**, and if you desaturate by 10%, it is **43.7096, 46.1121, 49.7774**.

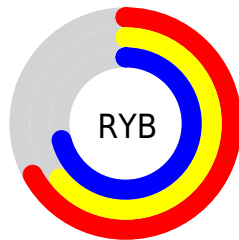
Distribution



Red (67%)

Green (64%)

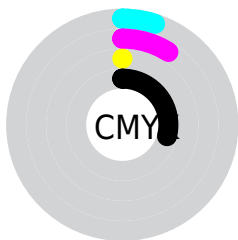
Blue (71%)



Red (67%)

Yellow (64%)

Blue (71%)

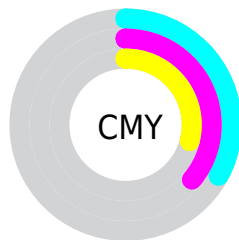


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1300, 38.1476, 48.5336 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 38.1300, 38.1476, 48.5336 by changing the saturation by 10% instead.

■ 38.1300, 38.1476,
48.5336

■ 38.1300, 38.1476,
48.5336

329.4485,
338.2527, 397.4729

■ 26.2613, 26.0973,
33.8867

■ 71.6100, 72.3343,
89.3722

■ 17.1529, 16.8964,
22.5299

■ 93.9519, 95.2395,
116.4008

■ 10.4396, 10.1607,
14.0447

120.5156,
122.5317, 148.3939

■ 5.7558, 5.5056,
8.0127

151.6665,
154.5954, 185.7698

■ 2.7364, 2.5469,
4.0152

187.7699,
191.8150, 228.9471

■ 1.0160, 0.9000,
1.6337

229.1911,

■ 0.0000, 0.0000,

234.5748, 278.3443

0.3147

276.2955,
283.2592, 334.3801

■ 0.0000, 0.0000,
0.0000

■ 38.1300, 38.1476,
48.5336

■ 38.1300, 38.1476,
48.5336

■ 33.1573, 31.1734,
47.4501

■ 43.7096, 46.1121,
49.7774

■ 28.7658, 25.1446,
46.5179

■ 49.9137, 55.0994,
51.1851

■ 24.9330, 20.0204,
45.7308

■ 56.7634, 65.1468,
52.7635

■ 21.6333, 15.7547,
45.0814

■ 64.2778, 76.2881,
54.5179

■ 18.8392, 12.2975,
44.5613

■ 72.4750, 88.5555,
56.4537

■ 16.5202, 9.5931,
44.1616

■ 76.0525, 91.3398,
56.8026

■ 14.6421, 7.5788,
43.8718

■ 79.1634, 92.9436,
56.9482

■ 13.1651, 6.1809,
43.6798

■ 82.4437, 94.6347,
57.1017

■ 12.0159, 5.2589,
43.5624

■ 85.2383, 96.0753,
57.2325

Harmonies

Analogous

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



36.6950, 38.1476, 50.4968



38.1300, 38.1476, 48.5336



39.0812, 38.1476, 44.7273

Triad

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



38.1300, 38.1476, 48.5336



37.3559, 38.1476, 34.1408



33.4088, 38.1476, 42.7949

Complementary

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



38.1300, 38.1476, 48.5336



39.9468, 44.0586, 41.0509

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.



33.5745, 38.1476, 38.5007



38.1300, 38.1476, 48.5336



35.8248, 38.1476, 33.7038

Square

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



38.1300, 38.1476, 48.5336



38.6255, 38.1476, 36.4849



34.4486, 38.1476, 35.2460



33.9896, 38.1476, 47.0335

Rectangle

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



38.1300, 38.1476, 48.5336



39.2978, 38.1476, 41.7652



34.4486, 38.1476, 35.2460



33.3794, 38.1476, 41.3081

Sweetspot

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



38.1311, 38.1492, 48.5344



75.4749, 78.1890, 89.4087



38.1091, 40.6137, 49.0113



16.1361, 16.6467, 19.2849



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.



38.1311, 38.1492, 48.5344



67.4869, 66.8371, 87.6385



40.0273, 39.1267, 48.6232



8.4095, 8.4196, 10.6882



8.4214, 3.6772, 30.4029



0.3325, 0.1505, 0.9598

Inverse Universe

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



39.3673, 38.8780, 44.4610



70.1253, 68.3926, 78.9346



38.1541, 43.1344, 40.9671



8.6781, 8.5780, 9.8032



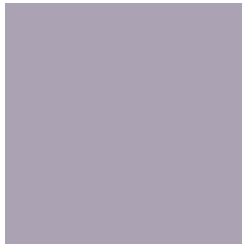
14.6225, 7.3666, 8.4381



0.4893, 0.2435, 0.4192

Previews

White Background



This preview shows how the XYZ color 38.1300, 38.1476, 48.5336 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 38.1300, 38.1476, 48.5336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

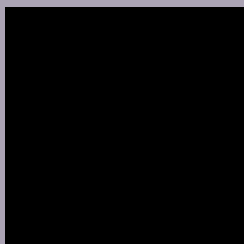
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1300, 38.1476, 48.5336

Background



This preview shows how black text looks on a background with the XYZ color 38.1300, 38.1476, 48.5336.



This preview shows how white text looks on a background with the XYZ color 38.1300, 38.1476,

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

38.1300, 38.1476, 48.5336

Protanopia

37.3127, 38.2458, 49.1316

Deuteranopia

38.8876, 38.0151, 48.4681



Tritanopia

37.6895, 38.2316, 46.4673

Trichromacy



Original Color

38.1300, 38.1476, 48.5336

Protanomaly

37.5523, 38.1026, 49.0914

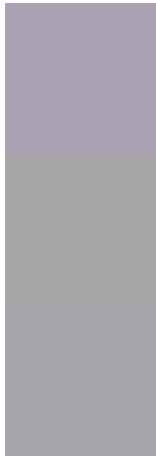
Deuteranomaly

38.6141, 38.1346, 48.5056

Tritanomaly

37.7888, 38.2713, 46.9904

Monochromacy



Original Color

38.1300, 38.1476, 48.5336

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2311, 38.5758, 44.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1300, 38.1476, 48.5336 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(171, 163, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 180)  
}
```

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(171, 163, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 180) }
```

Border

The CSS property to change the border of an element to XYZ 38.1300, 38.1476, 48.5336 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(171, 163, 180) }
```


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

```
.border{ border-color:rgb(171, 163, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1300, 38.1476, 48.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 180) }
```

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

```
.background{ background-color: rgb(171,  
163, 180) }
```

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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