

Converting Colors

XYZ(38.4879, 38.8635, 48.6529)

Have a look what the booklet for
XYZ(38.4879, 38.8635, 48.6529)
contains.

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Color

**XYZ(38.4879, 38.8635,
48.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA5B4
RGB	171, 165, 180
RGB Percent	67%, 65%, 71%
CMY	0.3294, 0.3529, 0.2941
CMYK	0.05, 0.08, 0.00, 0.29
HSL	264°, 9%, 68%
HSV	264°, 8%, 71%
XYZ	38.4879, 38.8635, 48.6529
YIQ	168.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

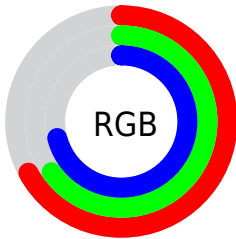
Format	Color
RYB	171, 165, 180
Decimal	11249076
CIELab	68.65, 5.03, -6.95
CIELCh	69, 8.580, 305.905
Yxy	38.8635, 0.3054, 0.3084
Android (android.graphics.Color)	4289439156 (0xFFABA5B4)
YUV	168.5040, 5.6675, 2.1890
Hunter-Lab	62.3406, 1.1065, -2.6337

Details

The XYZ color **38.4879, 38.8635, 48.6529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5699, 44.3589, 42.0232**, and the grayscale version is **37.4416, 39.3915, 42.8973**.

A 20% lighter version of the original color is **72.0976, 73.4113, 89.7267**, and **17.3436, 17.2645, 22.4969** is the 20% darker color. If you saturate the color by 10%, you get **33.2096, 31.6581, 47.5409**, and if you desaturate by 10%, it is **44.4177, 47.0852, 49.9279**.

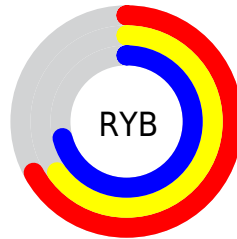
Distribution



Red (67%)

Green (65%)

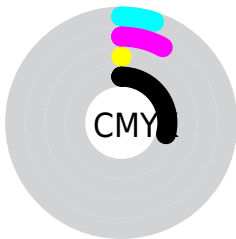
Blue (71%)



Red (67%)

Yellow (65%)

Blue (71%)

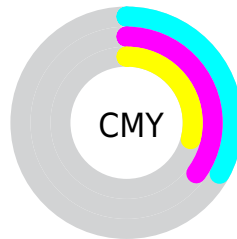


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4879, 38.8635, 48.6529 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 38.4879, 38.8635, 48.6529 by changing the saturation by 10% instead.

■ 38.4879, 38.8635,
48.6529

■ 38.4879, 38.8635,
48.6529

330.9531,
341.3098, 397.9574

■ 26.5405, 26.6536,
33.9806

■ 72.1544, 73.4297,
89.5514

■ 17.3632, 17.3132,
22.6014

■ 94.6043, 96.5548,
116.6146

■ 10.5907, 10.4581,
14.0970

121.2857,
124.0871, 148.6451

■ 5.8576, 5.7037,
8.0486

152.5640,
156.4109, 186.0616

■ 2.7985, 2.6658,
4.0378

188.8045,
193.9107, 229.2825

■ 1.0481, 0.9598,
1.6461

230.3726,

■ 0.0000, 0.0000,

236.9709, 278.7264

0.3234

277.6337,
285.9758, 334.8119

■ 0.0000, 0.0000,
0.0000

■ 38.4879, 38.8635,
48.6529

■ 38.4879, 38.8635,
48.6529

■ 33.2096, 31.6581,
47.5409

■ 44.4177, 47.0852,
49.9279

■ 28.5560, 25.4238,
46.5828

■ 51.0179, 56.3564,
51.3696

■ 24.5030, 20.1191,
45.7726

■ 58.3109, 66.7146,
52.9845

■ 21.0238, 15.6977,
45.1025

■ 66.3169, 78.1942,
54.7783

■ 18.0893, 12.1091,
44.5645

■ 75.0537, 90.8249,
56.7558

■ 15.6677, 9.2976,
44.1494

■ 78.5291, 92.6166,
56.9185

■ 13.7233, 7.2001,
43.8471

■ 82.2213, 94.5200,
57.0913

■ 12.2151, 5.7436,
43.6454

■ 85.2383, 96.0753,
57.2325

■ 11.0781, 4.8077,
43.5247

Harmonies

Analogous

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



37.2073, 38.8635, 50.1814



38.4879, 38.8635, 48.6529



39.3688, 38.8635, 45.4361

Triad

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



38.4879, 38.8635, 48.6529



38.0126, 38.8635, 35.8623



34.4068, 38.8635, 43.0882

Complementary

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



38.4879, 38.8635, 48.6529



40.5699, 44.3589, 42.0232

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.



34.6106, 38.8635, 39.3416



38.4879, 38.8635, 48.6529



36.6712, 38.8635, 35.3182

Square

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



38.4879, 38.8635, 48.6529



39.0897, 38.8635, 38.0884



35.4314, 38.8635, 36.5542



34.8679, 38.8635, 46.8448

Rectangle

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



38.4879, 38.8635, 48.6529



39.5992, 38.8635, 42.8509



35.4314, 38.8635, 36.5542



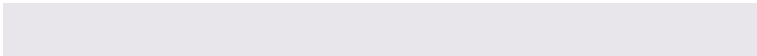
34.4000, 38.8635, 41.7851

Sweetspot

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



38.4890, 38.8652, 48.6538



76.4176, 79.6372, 89.6385



38.9411, 41.6648, 49.1703



16.5422, 17.2480, 19.3796



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.



38.4890, 38.8652, 48.6538



67.9399, 67.9303, 87.8256



40.1121, 39.7019, 48.7297



8.3529, 8.3904, 10.6856



7.6854, 3.2977, 30.3685



0.3085, 0.1382, 0.9586

Inverse Universe

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



39.9189, 39.6714, 45.6000



71.0786, 69.7005, 81.0982



38.9978, 43.5484, 41.9496



8.7033, 8.5880, 9.9358



15.0607, 7.5419, 10.7458



0.5017, 0.2484, 0.4849

Previews

White Background



This preview shows how the XYZ color 38.4879, 38.8635, 48.6529 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 38.4879, 38.8635, 48.6529 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 38.4879, 38.8635, 48.6529

Background



This preview shows how black text looks on a background with the XYZ color 38.4879, 38.8635, 48.6529.



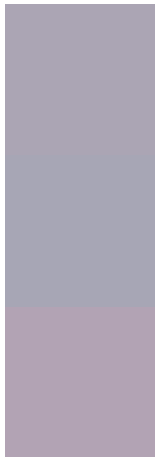
This preview shows how white text looks on a background with the XYZ color 38.4879, 38.8635,

48.6529.

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

38.4879, 38.8635, 48.6529

Protanopia

37.9131, 38.8241, 49.2116

Deuteranopia

39.6955, 38.9547, 48.6068



Tritanopia

38.2856, 38.7825, 47.5874

Trichromacy



Original Color

38.4879, 38.8635, 48.6529

Protanomaly

38.1252, 38.9335, 49.2216

Deuteranomaly

39.1929, 38.9602, 48.6344

Tritanomaly

38.3864, 38.8229, 48.1182

Monochromacy



Original Color

38.4879, 38.8635, 48.6529

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1230, 39.5684, 45.1633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4879, 38.8635, 48.6529 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, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 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, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 180) }
```

Border

The CSS property to change the border of an element to XYZ 38.4879, 38.8635, 48.6529 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, 165, 180) }
```


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

```
.border{ border-color:rgb(171, 165, 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, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4879, 38.8635, 48.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 180) }
```

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

```
.background{ background-color: rgb(171,  
165, 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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