

Converting Colors

XYZ(38.7686, 38.6616, 35.5479)

Have a look what the booklet for
XYZ(38.7686, 38.6616, 35.5479)
contains.

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Color

**XYZ(38.8545, 38.8086,
35.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A399
RGB	185, 163, 153
RGB Percent	73%, 64%, 60%
CMY	0.2745, 0.3608, 0.4000
CMYK	0.00, 0.12, 0.17, 0.27
HSL	19°, 19%, 66%
HSV	19°, 17%, 73%
XYZ	38.8545, 38.8086, 35.5799
YIQ	168.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

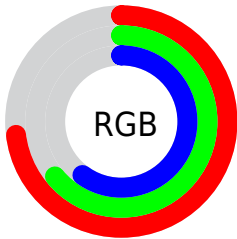
Format	Color
RYB	185, 168, 153
Decimal	12166041
CIELab	68.61, 6.37, 8.13
CIElCh	69, 10.329, 51.892
Yxy	38.8086, 0.3431, 0.3427
Android (android.graphics.Color)	4290356121 (0xFFB9A399)
YUV	168.4380, -7.6109, 14.5249
Hunter-Lab	62.2965, 2.3119, 9.7448

Details

The XYZ color **38.8545, 38.8086, 35.5799** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2234, 40.9339, 51.8383**, and the grayscale version is **37.4663, 39.4175, 42.9256**.

A 20% lighter version of the original color is **72.6095, 73.3486, 69.3622**, and **17.5984, 17.2337, 14.9693** is the 20% darker color. If you saturate the color by 10%, you get **35.2982, 33.9544, 27.4314**, and if you desaturate by 10%, it is **42.8770, 44.2152, 45.0535**.

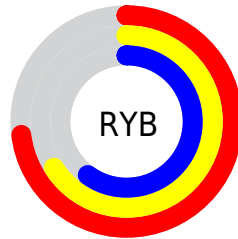
Distribution



Red (73%)

Green (64%)

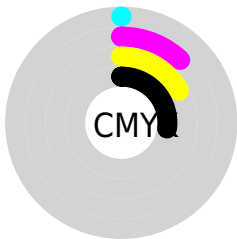
Blue (60%)



Red (73%)

Yellow (66%)

Blue (60%)

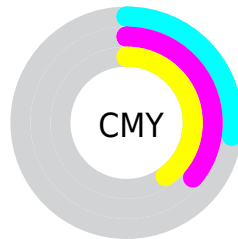


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8545, 38.8086, 35.5799 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 38.8545, 38.8086, 35.5799 by changing the saturation by 10% instead.


 38.8545, 38.8086,
35.5799


 38.8545, 38.8086,
35.5799


332.4893,
341.0761, 342.1023

 26.8268, 26.6109,
23.8228


 72.7115, 73.3458,
69.5449

 17.5791, 17.2812,
14.9912


 95.2715, 96.4541,
92.5899

 10.7461, 10.4352,
8.6667


122.0729,
123.9680, 120.2345

 5.9624, 5.6884,
4.4306

153.4811,
156.2720, 152.8974

 2.8627, 2.6566,
1.8644

189.8615,
193.7504, 190.9971

 1.0816, 0.9552,
0.4699

231.5795,

 0.0096, 0.0000,

236.7876, 234.9522

0.0000

279.0003,
285.7680, 285.1810

■ 0.0000, 0.0000,
0.0000

■ 38.8545, 38.8086,
35.5799

■ 38.8545, 38.8086,
35.5799

■ 35.2982, 33.9544,
27.4314

■ 42.8770, 44.2152,
45.0535

■ 32.1872, 29.6296,
20.5460

■ 47.3789, 50.1859,
55.9056

■ 29.5041, 25.8173,
14.8604

■ 52.3773, 56.7384,
68.1894

■ 27.2285, 22.4978,
10.3047

■ 57.8869, 63.8883,
81.9547

■ 25.3385, 19.6498,
6.8020

■ 63.9221, 71.6503,
97.2488

■ 23.8100, 17.2503,
4.2653

■ 69.0132, 79.4455,
106.3049

■ 22.6154, 15.2743,
2.5935

■ 72.8745, 87.1680,
107.5920

■ 21.7184, 13.6919,
1.6417

■ 73.8177, 89.0543,
107.9063

■ 21.5124, 13.3238,
1.4379

Harmonies

Analogous

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



39.8714, 38.8086, 38.9970



38.8545, 38.8086, 35.5799



37.3302, 38.8086, 33.9787

Triad

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



38.8545, 38.8086, 35.5799



33.8700, 38.8086, 41.0027



38.0673, 38.8086, 51.1432

Complementary

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



38.8545, 38.8086, 35.5799



37.2234, 40.9339, 51.8383

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.



36.4462, 38.8086, 51.7789



38.8545, 38.8086, 35.5799



34.0542, 38.8086, 45.6916

Square

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



38.8545, 38.8086, 35.5799



34.4750, 38.8086, 36.9554



34.9859, 38.8086, 49.7189



39.4077, 38.8086, 48.0406

Rectangle

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



38.8545, 38.8086, 35.5799



36.2444, 38.8086, 34.0677



34.9859, 38.8086, 49.7189



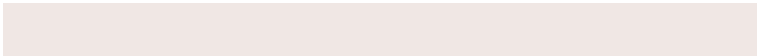
37.5360, 38.8086, 51.6612

Sweetspot

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



38.8556, 38.8103, 35.5807



78.5028, 81.4691, 84.7791



39.1764, 36.2081, 45.6881



16.8065, 17.4072, 17.9964



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.8556, 38.8103, 35.5807



66.9133, 65.8729, 57.5390



41.7977, 44.6945, 36.5614



9.2276, 9.4581, 9.4462



14.7062, 9.1888, 0.9985



0.5754, 0.4379, 0.0542

Inverse Universe

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



37.2234, 40.9339, 51.8383



63.4059, 70.4305, 92.4572



34.3613, 35.2096, 50.8842



9.0234, 9.7241, 11.4808



11.2123, 12.8842, 33.1490



0.4479, 0.5594, 1.1861

Previews

White Background



This preview shows how the XYZ color 38.8545, 38.8086, 35.5799 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 38.8545, 38.8086, 35.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

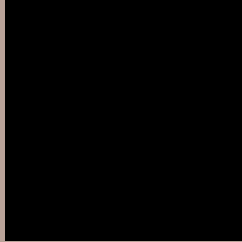
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8545, 38.8086, 35.5799

Background



This preview shows how black text looks on a background with the XYZ color 38.8545, 38.8086, 35.5799.



This preview shows how white text looks on a background with the XYZ color 38.8545, 38.8086,

35.5799.

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

38.8545, 38.8086, 35.5799

Protanopia

36.9687, 38.8882, 36.5681

Deuteranopia

39.6564, 38.9594, 35.5668



Tritanopia

40.8527, 38.8501, 44.8808

Trichromacy



Original Color

38.8545, 38.8086, 35.5799

Protanomaly

37.6004, 38.9526, 36.1087

Deuteranomaly

39.4091, 38.8319, 35.5552

Tritanomaly

40.1213, 38.8077, 41.4524

Monochromacy



Original Color

38.8545, 38.8086, 35.5799

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7026, 38.9155, 40.1746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8545, 38.8086, 35.5799 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(185, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 153)  
}
```

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(185, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 38.8545, 38.8086, 35.5799 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(185, 163, 153) }
```


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

```
.border{ border-color:rgb(185, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8545, 38.8086, 35.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 153) }
```

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

```
.background{ background-color: rgb(185,  
163, 153) }
```

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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