

Converting Colors

XYZ(38.3989, 38.3892, 39.1047)

Have a look what the booklet for
XYZ(38.3989, 38.3892, 39.1047)
contains.

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Color

**XYZ(38.5863, 38.5914,
39.1334)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A3A1
RGB	181, 163, 161
RGB Percent	71%, 64%, 63%
CMY	0.2902, 0.3608, 0.3686
CMYK	0.00, 0.10, 0.11, 0.29
HSL	6°, 12%, 67%
HSV	6°, 11%, 71%
XYZ	38.5863, 38.5914, 39.1334
YIQ	168.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

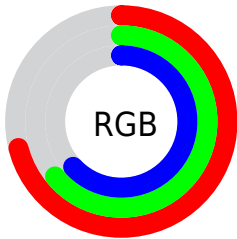
Format	Color
RYB	181, 163, 161
Decimal	11903905
CIELab	68.45, 6.20, 3.41
CIElCh	68, 7.078, 28.832
Yxy	38.5914, 0.3318, 0.3318
Android (android.graphics.Color)	4290093985 (0xFFB5A3A1)
YUV	168.1540, -3.5269, 11.2659
Hunter-Lab	62.1220, 2.1596, 6.1360

Details

The XYZ color **38.5863, 38.5914, 39.1334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1584, 43.1526, 49.9819**, and the grayscale version is **37.3089, 39.2518, 42.7452**.

A 20% lighter version of the original color is **72.3911, 73.1052, 75.2610**, and **17.4010, 17.0839, 17.1322** is the 20% darker color. If you saturate the color by 10%, you get **34.3965, 32.5837, 30.4237**, and if you desaturate by 10%, it is **43.3818, 45.4398, 49.1859**.

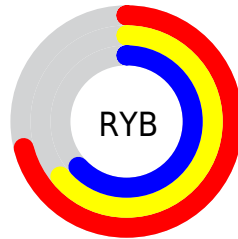
Distribution



Red (71%)

Green (64%)

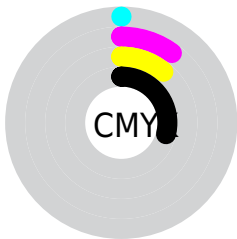
Blue (63%)



Red (71%)

Yellow (64%)

Blue (63%)

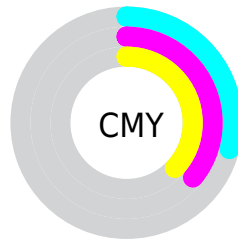


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5863, 38.5914, 39.1334 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 38.5863, 38.5914, 39.1334 by changing the saturation by 10% instead.


 38.5863, 38.5914,
39.1334


 38.5863, 38.5914,
39.1334


331.3659,
340.1502, 357.9002

 26.6173, 26.4420,
26.5549

 72.3040, 73.0137,
75.0647

 17.4211, 17.1546,
17.0097


 94.7835, 96.0554,
99.2545

 10.6324, 10.3448,
10.0794


121.4971,
123.4967, 128.1518

 5.8857, 5.6282,
5.3453

152.8104,
155.7219, 162.1752

 2.8157, 2.6203,
2.3890

189.0885,
193.1154, 201.7432

 1.0571, 0.9369,
0.7805

230.6969,

 0.0000, 0.0000,

236.0617, 247.2743

0.0000

278.0009,
284.9452, 299.1872

■ 38.5863, 38.5914,
39.1334

■ 38.5863, 38.5914,
39.1334

■ 34.3965, 32.5837,
30.4237

■ 43.3818, 45.4398,
49.1859

■ 30.7852, 27.3795,
22.9977

■ 48.8024, 53.1543,
60.6320

■ 27.7279, 22.9461,
16.7952

■ 54.8707, 61.7655,
73.5232

■ 25.1970, 19.2470,
11.7506

■ 61.6071, 71.3009,
87.9073

■ 23.1625, 16.2422,
7.7919

■ 69.0312, 81.7869,
103.8300

■ 21.5917, 13.8885,
4.8391

■ 72.8662, 88.5639,
107.8618

■ 20.4475, 12.1373,
2.8013

■ 19.6871, 10.9335,
1.5709

■ 19.2747, 10.2607,
0.9646

Harmonies

Analogous

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



38.8608, 38.5914, 42.1445



38.5863, 38.5914, 39.1334



37.7984, 38.5914, 36.9917

Triad

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



38.5863, 38.5914, 39.1334



34.8796, 38.5914, 38.9275



36.6364, 38.5914, 48.4479

Complementary

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



38.5863, 38.5914, 39.1334



39.1584, 43.1526, 49.9819

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.



35.5838, 38.5914, 47.4833



38.5863, 38.5914, 39.1334



34.5823, 38.5914, 41.8947

Square

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



38.5863, 38.5914, 39.1334



35.6579, 38.5914, 36.8771



34.8375, 38.5914, 45.0441



37.7214, 38.5914, 47.6189

Rectangle

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



38.5863, 38.5914, 39.1334



37.0959, 38.5914, 36.2904



34.8375, 38.5914, 45.0441



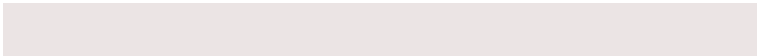
36.2671, 38.5914, 48.3218

Sweetspot

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



38.5874, 38.5931, 39.1342



75.8888, 78.8051, 84.2915



39.9381, 38.5687, 47.9878



16.2489, 16.8138, 17.8963



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.



38.5874, 38.5931, 39.1342



67.3912, 66.6604, 66.5058



40.4331, 42.2846, 39.7495



8.5626, 8.6377, 8.8685



13.3123, 7.1232, 0.6733



0.4411, 0.2685, 0.0286

Inverse Universe

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



39.1584, 43.1526, 49.9819



68.5962, 76.2843, 89.4035



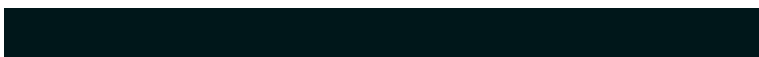
37.2269, 39.2897, 49.3381



8.6685, 9.4832, 10.8799



14.7916, 20.3835, 33.2918



0.4862, 0.6830, 1.0544

Previews

White Background



This preview shows how the XYZ color 38.5863, 38.5914, 39.1334 looks on a white background.

Color Contrast Check

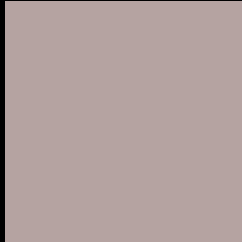
Large Text (above 18pt) WCAG AA × Fail

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 38.5863, 38.5914, 39.1334 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 38.5863, 38.5914, 39.1334

Background



This preview shows how black text looks on a background with the XYZ color 38.5863, 38.5914, 39.1334.



This preview shows how white text looks on a background with the XYZ color 38.5863, 38.5914,

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

38.5863, 38.5914, 39.1334

Protanopia

37.0417, 38.5747, 40.1437

Deuteranopia

39.1855, 38.3772, 39.0605



Tritanopia

39.9133, 38.6130, 45.3938

Trichromacy



Original Color

38.5863, 38.5914, 39.1334

Protanomaly

37.6559, 38.6329, 39.6546

Deuteranomaly

39.1205, 38.6042, 39.1077

Tritanomaly

39.3732, 38.6503, 42.9212

Monochromacy



Original Color

38.5863, 38.5914, 39.1334

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6613, 38.8733, 41.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5863, 38.5914, 39.1334 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(181, 163, 161)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 161)  
}
```

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(181, 163, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.5863, 38.5914, 39.1334 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(181, 163, 161) }
```


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

```
.border{ border-color:rgb(181, 163, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 161);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5863, 38.5914, 39.1334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 161) }
```

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

```
.background{ background-color: rgb(181,  
163, 161) }
```

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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