

Converting Colors

XYZ(38.0691, 38.8900, 38.6838)

Have a look what the booklet for
XYZ(38.0691, 38.8900, 38.6838)
contains.

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Color

**XYZ(38.1604, 38.9133,
38.7575)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A5A0
RGB	178, 165, 160
RGB Percent	70%, 65%, 63%
CMY	0.3020, 0.3529, 0.3725
CMYK	0.00, 0.07, 0.10, 0.30
HSL	17°, 10%, 66%
HSV	17°, 10%, 70%
XYZ	38.1604, 38.9133, 38.7575
YIQ	168.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

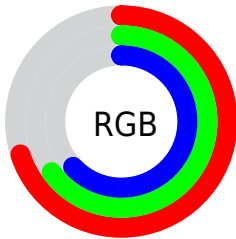
Format	Color
RYB	178, 167, 160
Decimal	11707808
CIELab	68.69, 3.82, 4.27
CIElCh	69, 5.734, 48.180
Yxy	38.9133, 0.3294, 0.3359
Android (android.graphics.Color)	4289897888 (0xFFB2A5A0)
YUV	168.3170, -4.1003, 8.4920
Hunter-Lab	62.3805, 0.0289, 6.8290

Details

The XYZ color **38.1604, 38.9133, 38.7575** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4766, 40.5744, 47.9763**, and the grayscale version is **37.3924, 39.3397, 42.8409**.

A 20% lighter version of the original color is **71.7906, 73.5851, 74.7096**, and **17.1229, 17.2744, 16.8998** is the 20% darker color. If you saturate the color by 10%, you get **34.5108, 33.9299, 30.4007**, and if you desaturate by 10%, it is **42.2682, 44.4553, 48.3680**.

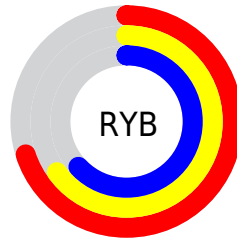
Distribution



Red (70%)

Green (65%)

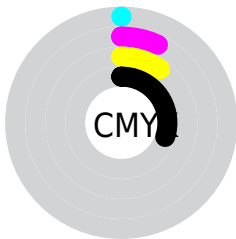
Blue (63%)



Red (70%)

Yellow (65%)

Blue (63%)

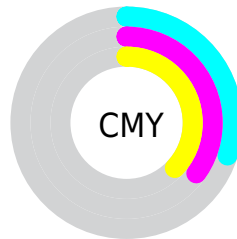


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1604, 38.9133, 38.7575 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 38.1604, 38.9133, 38.7575 by changing the saturation by 10% instead.


 38.1604, 38.9133,
38.7575


 38.1604, 38.9133,
38.7575


329.5765,
341.5217, 356.2535

 26.2850, 26.6923,
26.2647


 71.6562, 73.5059,
74.4840

 17.1708, 17.3423,
16.7943


 94.0074, 96.6462,
98.5548

 10.4524, 10.4788,
9.9275

120.5811,
124.1951, 127.3220

 5.7645, 5.7176,
5.2459

151.7428,
156.5369, 161.2042

 2.7417, 2.6741,
2.3310

187.8579,
194.0561, 200.6199

 1.0187, 0.9641,
0.7485

229.2916,

 0.0000, 0.0000,

237.1370, 245.9877

0.0000

276.4094,
286.1641, 297.7260

■ 38.1604, 38.9133,
38.7575

■ 38.1604, 38.9133,
38.7575

■ 34.5108, 33.9299,
30.4007

■ 42.2682, 44.4553,
48.3680

■ 31.2998, 29.4825,
23.2431

■ 46.8463, 50.5674,
59.2785

■ 28.5113, 25.5545,
17.2299

■ 51.9104, 57.2673,
71.5361

■ 26.1268, 22.1263,
12.3012

■ 57.4748, 64.5703,
85.1848

■ 24.1263, 19.1773,
8.3914

■ 63.5526, 72.4912,
100.2666

■ 22.4882, 16.6853,
5.4278

■ 68.1980, 80.2604,
106.5051

■ 21.1882, 14.6260,
3.3278

■ 72.1613, 88.1871,
107.8263

■ 20.1989, 12.9728,
1.9947

■ 72.1703, 88.2051,
107.8292

■ 19.4786, 11.7017,
1.2320

Harmonies

Analogous

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



38.6668, 38.9133, 40.8314



38.1604, 38.9133, 38.7575



37.3441, 38.9133, 37.6692

Triad

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



38.1604, 38.9133, 38.7575



35.3059, 38.9133, 41.3556



37.5324, 38.9133, 47.2920

Complementary

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



38.1604, 38.9133, 38.7575



37.4766, 40.5744, 47.9763

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.



36.6300, 38.9133, 47.4464



38.1604, 38.9133, 38.7575



35.3545, 38.9133, 43.9467

Square

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



38.1604, 38.9133, 38.7575



35.7021, 38.9133, 39.1278



35.8358, 38.9133, 46.2002



38.3002, 38.9133, 45.7865

Rectangle

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



38.1604, 38.9133, 38.7575



36.7385, 38.9133, 37.6183



35.8358, 38.9133, 46.2002



37.2345, 38.9133, 47.5058

Sweetspot

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



38.1615, 38.9150, 38.7583



74.3731, 77.5563, 82.3474



38.4936, 37.6321, 44.8721



16.3425, 17.0010, 17.9275



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.



38.1615, 38.9150, 38.7583



67.7480, 68.5925, 66.9241



39.8032, 42.1984, 39.3056



8.6823, 8.8771, 8.9084



13.9836, 8.4658, 0.8971



0.4903, 0.3669, 0.0450

Inverse Universe

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



37.4766, 40.5744, 47.9763



66.2695, 72.1734, 86.8193



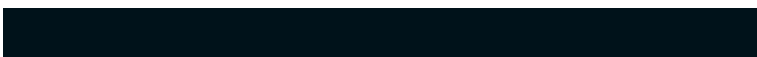
35.8449, 37.3111, 47.4324



8.5390, 9.2242, 10.8367



11.3769, 13.5542, 32.1536



0.4040, 0.5185, 1.0270

Previews

White Background



This preview shows how the XYZ color 38.1604, 38.9133, 38.7575 looks on a white background.

Color Contrast Check

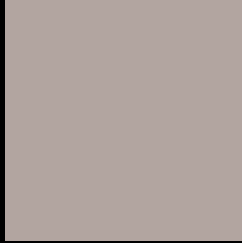
Large Text (above 18pt) WCAG AA × Fail

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 38.1604, 38.9133, 38.7575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

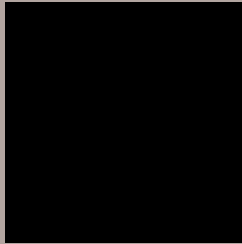
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1604, 38.9133, 38.7575

Background



This preview shows how black text looks on a background with the XYZ color 38.1604, 38.9133, 38.7575.



This preview shows how white text looks on a background with the XYZ color 38.1604, 38.9133,

38.7575.

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

38.1604, 38.9133, 38.7575

Protanopia

37.2650, 38.9813, 39.2783

Deuteranopia

39.6031, 38.8530, 39.1303



Tritanopia

39.6574, 38.9928, 45.9936

Trichromacy



Original Color

38.1604, 38.9133, 38.7575

Protanomaly

37.5248, 38.8443, 39.2381

Deuteranomaly

39.0587, 38.8349, 39.1555

Tritanomaly

39.1216, 39.0369, 43.5032

Monochromacy



Original Color

38.1604, 38.9133, 38.7575

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6235, 39.1247, 41.1662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1604, 38.9133, 38.7575 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(178, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 160)  
}
```

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(178, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.1604, 38.9133, 38.7575 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(178, 165, 160) }
```


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

```
.border{ border-color:rgb(178, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1604, 38.9133, 38.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 160) }
```

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

```
.background{ background-color: rgb(178,  
165, 160) }
```

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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