

Converting Colors

XYZ(38.0864, 38.5038, 38.9812)

Have a look what the booklet for
XYZ(38.0864, 38.5038, 38.9812)
contains.

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Color

**XYZ(38.0686, 38.5891,
39.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A4A1
RGB	178, 164, 161
RGB Percent	70%, 64%, 63%
CMY	0.3020, 0.3568, 0.3686
CMYK	0.00, 0.08, 0.10, 0.30
HSL	11°, 10%, 66%
HSV	11°, 10%, 70%
XYZ	38.0686, 38.5891, 39.1602
YIQ	167.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

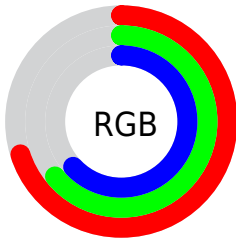
Format	Color
RYB	178, 165, 161
Decimal	11707553
CIELab	68.45, 4.54, 3.38
CIELCh	68, 5.662, 36.624
Yxy	38.5891, 0.3287, 0.3332
Android (android.graphics.Color)	4289897633 (0xFFB2A4A1)
YUV	167.8440, -3.3741, 8.9068
Hunter-Lab	62.1201, 0.6786, 6.1080

Details

The XYZ color **38.0686, 38.5891, 39.1602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0637, 41.4507, 48.1146**, and the grayscale version is **37.1566, 39.0917, 42.5708**.

A 20% lighter version of the original color is **71.6579, 73.1133, 75.3013**, and **17.0661, 17.0741, 17.1480** is the 20% darker color. If you saturate the color by 10%, you get **34.1362, 33.0598, 30.6485**, and if you desaturate by 10%, it is **42.5289, 44.8158, 48.9513**.

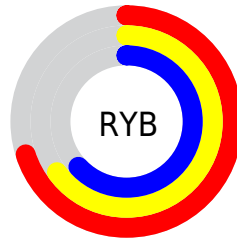
Distribution



Red (70%)

Green (64%)

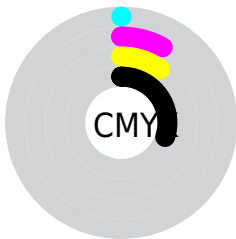
Blue (63%)



Red (70%)

Yellow (65%)

Blue (63%)

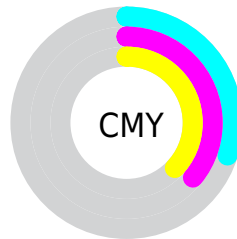


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0686, 38.5891, 39.1602 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 38.0686, 38.5891, 39.1602 by changing the saturation by 10% instead.

■ 38.0686, 38.5891,
39.1602

■ 38.0686, 38.5891,
39.1602

329.1899,
340.1403, 358.0174

■ 26.2134, 26.4402,
26.5756

■ 71.5165, 73.0102,
75.1060

■ 17.1169, 17.1533,
17.0251

■ 93.8399, 96.0512,
99.3043

■ 10.4137, 10.3438,
10.0903

120.3834,
123.4917, 128.2109

■ 5.7384, 5.6275,
5.3525

151.5123,
155.7160, 162.2443

■ 2.7258, 2.6199,
2.3932

187.5921,
193.1087, 201.8232

■ 1.0105, 0.9367,
0.7827

228.9881,

■ 0.0000, 0.0000,

236.0540, 247.3659

0.0000

276.0656,
284.9365, 299.2912

■ 38.0686, 38.5891,
39.1602

■ 38.0686, 38.5891,
39.1602

■ 34.1362, 33.0598,
30.6485

■ 42.5289, 44.8158,
48.9513

■ 30.7089, 28.1985,
23.3609

■ 47.5325, 51.7576,
60.0691

■ 27.7669, 23.9813,
17.2416

■ 53.0981, 59.4383,
72.5616

■ 25.2879, 20.3810,
12.2296

■ 59.2425, 67.8788,
86.4736

■ 23.2478, 17.3685,
8.2582

■ 65.9819, 77.0992,
101.8479

■ 21.6202, 14.9120,
5.2536

■ 71.2012, 86.2668,
107.5062

■ 20.3759, 12.9769,
3.1322

■ 72.1703, 88.2051,
107.8292

■ 19.4814, 11.5246,
1.7960

■ 18.8840, 10.5055,
1.0554

Harmonies

Analogous

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



38.4043, 38.5891, 41.4541



38.0686, 38.5891, 39.1602



37.3611, 38.5891, 37.6764

Triad

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



38.0686, 38.5891, 39.1602



35.1291, 38.5891, 40.1020



36.8756, 38.5891, 47.0763

Complementary

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



38.0686, 38.5891, 39.1602



38.0637, 41.4507, 48.1146

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.



36.0029, 38.5891, 46.6787



38.0686, 38.5891, 39.1602



35.0038, 38.5891, 42.5849

Square

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



38.0686, 38.5891, 39.1602



35.6662, 38.5891, 38.2046



35.3213, 38.5891, 45.0094



37.7083, 38.5891, 46.0749

Rectangle

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



38.0686, 38.5891, 39.1602



36.7787, 38.5891, 37.3114



35.3213, 38.5891, 45.0094



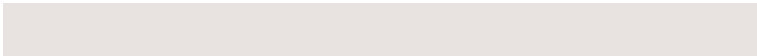
36.5771, 38.5891, 47.1025

Sweetspot

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



38.0697, 38.5908, 39.1610



74.1806, 77.1712, 82.2833



38.8597, 38.0570, 45.9414



16.2891, 16.8941, 17.9097



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.



38.0697, 38.5908, 39.1610



67.8020, 68.2513, 68.3274



39.6097, 41.6708, 39.6744



8.6137, 8.7400, 8.8855



13.5295, 7.5575, 0.7457



0.4622, 0.3109, 0.0356

Inverse Universe

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



38.0637, 41.4507, 48.1146



67.7893, 74.2605, 87.1420



36.4921, 38.3074, 47.5907



8.6124, 9.3711, 10.8612



13.2070, 17.2143, 32.7636



0.4490, 0.6085, 1.0420

Previews

White Background



This preview shows how the XYZ color 38.0686, 38.5891, 39.1602 looks on a white background.

Color Contrast Check

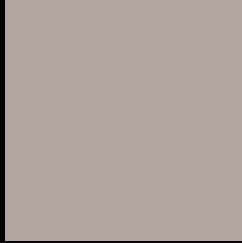
Large Text (above 18pt) WCAG AA × Fail

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 38.0686, 38.5891, 39.1602 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 38.0686, 38.5891, 39.1602

Background



This preview shows how black text looks on a background with the XYZ color 38.0686, 38.5891, 39.1602.



This preview shows how white text looks on a background with the XYZ color 38.0686, 38.5891,

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

38.0686, 38.5891, 39.1602

Protanopia

36.9524, 38.5390, 39.6736

Deuteranopia

39.2740, 38.4127, 39.5268



Tritanopia

39.4806, 38.6391, 45.9347

Trichromacy



Original Color

38.0686, 38.5891, 39.1602

Protanomaly

37.4323, 38.5176, 39.6442

Deuteranomaly

38.7333, 38.3944, 39.5518

Tritanomaly

38.9433, 38.6804, 43.4437

Monochromacy



Original Color

38.0686, 38.5891, 39.1602

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 38.0686, 38.5891, 39.1602 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, 164, 161)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 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(178, 164, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.0686, 38.5891, 39.1602 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, 164, 161) }
```


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

```
.border{ border-color:rgb(178, 164, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 161);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0686, 38.5891, 39.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 161) }
```

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

```
.background{ background-color: rgb(178,  
164, 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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