

Converting Colors

XYZ(38.6543, 38.1983, 37.9565)

Have a look what the booklet for
XYZ(38.6543, 38.1983, 37.9565)
contains.

XYZ(38.5313, 38.0602, 38.1164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5313, 38.0602,
38.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A19F
RGB	183, 161, 159
RGB Percent	72%, 63%, 62%
CMY	0.2824, 0.3686, 0.3765
CMYK	0.00, 0.12, 0.13, 0.28
HSL	5°, 14%, 67%
HSV	5°, 13%, 72%
XYZ	38.5313, 38.0602, 38.1164
YIQ	167.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

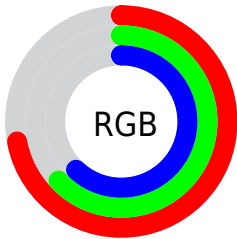
Format	Color
R _Y B	183, 161, 159
Decimal	12034463
CIE Lab	68.06, 7.70, 3.98
CIE LCh	68, 8.672, 27.354
Yxy	38.0602, 0.3359, 0.3318
Android (android.graphics.Color)	4290224543 (0xFFB7A19F)
YUV	167.3500, -4.1165, 13.7251
Hunter-Lab	61.6929, 3.5223, 6.5533

Details

The XYZ color **38.5313, 38.0602, 38.1164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3690, 43.8367, 51.1865**, and the grayscale version is **36.9169, 38.8394, 42.2961**.

A 20% lighter version of the original color is **72.2901, 72.3175, 73.7669**, and **17.3813, 16.7658, 16.5074** is the 20% darker color. If you saturate the color by 10%, you get **34.3225, 31.9984, 29.4502**, and if you desaturate by 10%, it is **43.3705, 45.0058, 48.1537**.

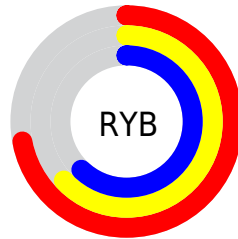
Distribution



Red (72%)

Green (63%)

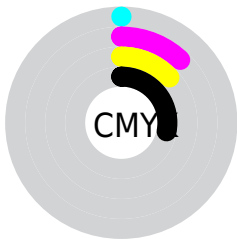
Blue (62%)



Red (72%)

Yellow (63%)

Blue (62%)

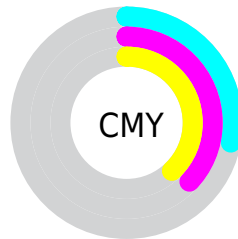


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5313, 38.0602, 38.1164 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 38.5313, 38.0602, 38.1164 by changing the saturation by 10% instead.


 38.5313, 38.0602,
38.1164


 38.5313, 38.0602,
38.1164


331.1352,
337.8781, 353.4322

 26.5744, 26.0294,
25.7705


 72.2204, 72.2004,
73.4919

 17.3888, 16.8456,
16.4278


 94.6833, 95.0786,
97.3586

 10.6091, 10.1245,
9.6698


121.3790,
122.3414, 125.9027

 5.8700, 5.4816,
5.0778

152.6727,
154.3732, 159.5426

 2.8061, 2.5325,
2.2335

188.9298,
191.5584, 198.6970

 1.0521, 0.8929,
0.6936

230.5157,

 0.0000, 0.0000,

234.2813, 243.7844

0.0000

277.7957,
282.9264, 295.2233

■ 38.5313, 38.0602,
38.1164

■ 38.5313, 38.0602,
38.1164

■ 34.3225, 31.9984,
29.4502

■ 43.3705, 45.0058,
48.1537

■ 30.7152, 26.7801,
22.0931

■ 48.8614, 52.8634,
59.6153

■ 27.6828, 22.3696,
15.9823

■ 55.0279, 61.6661,
72.5547

■ 25.1954, 18.7262,
11.0487

■ 61.8921, 71.4438,
87.0220

■ 23.2206, 15.8063,
7.2164

■ 69.4749, 82.2254,
103.0647

■ 21.7225, 13.5614,
4.4007

■ 73.3386, 88.8074,
107.8839

■ 20.6604, 11.9372,
2.5047

■ 19.9866, 10.8712,
1.4123

■ 19.7033, 10.4168,
0.9722

Harmonies

Analogous

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



38.8321, 38.0602, 41.7855



38.5313, 38.0602, 38.1164



37.5943, 38.0602, 35.4881

Triad

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



38.5313, 38.0602, 38.1164



34.0319, 38.0602, 37.5566



36.0553, 38.0602, 49.3244

Complementary

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



38.5313, 38.0602, 38.1164



39.3690, 43.8367, 51.1865

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.



34.7920, 38.0602, 48.0251



38.5313, 38.0602, 38.1164



33.6421, 38.0602, 41.0986

Square

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



38.5313, 38.0602, 38.1164



34.9948, 38.0602, 35.1793



33.9169, 38.0602, 44.9537



37.3816, 38.0602, 48.4050

Rectangle

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



38.5313, 38.0602, 38.1164



36.7467, 38.0602, 34.5987



33.9169, 38.0602, 44.9537



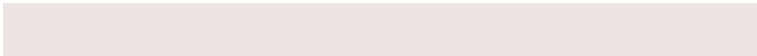
35.6094, 38.0602, 49.1309

Sweetspot

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



38.5324, 38.0619, 38.1172



76.8011, 79.3511, 84.4229



40.2675, 38.2003, 48.9675



16.8118, 17.3095, 18.3321



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.



38.5324, 38.0619, 38.1172



66.5161, 64.5799, 63.1177



40.7305, 42.4581, 38.8499



9.0633, 9.1295, 9.3914



13.7671, 7.3105, 0.6855



0.5057, 0.2984, 0.0309

Inverse Universe

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



39.3690, 43.8367, 51.1865



68.3338, 77.1293, 91.5216



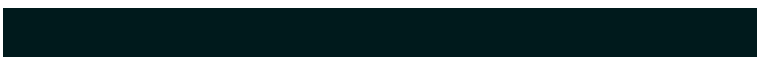
37.0338, 39.1663, 50.4081



9.2008, 10.0789, 11.5399



15.7201, 21.8999, 34.6516



0.5732, 0.8100, 1.2279

Previews

White Background



This preview shows how the XYZ color 38.5313, 38.0602, 38.1164 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 38.5313, 38.0602, 38.1164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

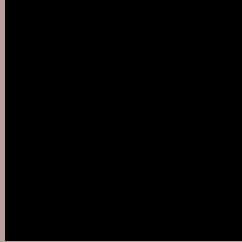
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5313, 38.0602, 38.1164

Background



This preview shows how black text looks on a background with the XYZ color 38.5313, 38.0602, 38.1164.



This preview shows how white text looks on a background with the XYZ color 38.5313, 38.0602,

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

38.5313, 38.0602, 38.1164

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.8364, 37.9591, 38.0808



Tritanopia

39.8521, 38.0891, 44.2812

Trichromacy



Original Color

38.5313, 38.0602, 38.1164

Protanomaly

37.2998, 38.2029, 38.6657

Deuteranomaly

38.5960, 37.8352, 38.0696

Tritanomaly

39.3130, 38.1220, 41.8455

Monochromacy



Original Color

38.5313, 38.0602, 38.1164

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3896, 38.4748, 40.5777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5313, 38.0602, 38.1164 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(183, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 159)  
}
```

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(183, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.5313, 38.0602, 38.1164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

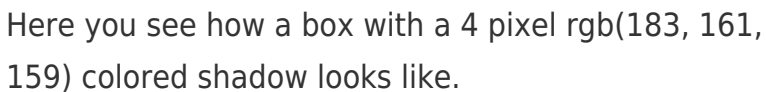
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 161, 159) }
```


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

```
.border{ border-color:rgb(183, 161, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 161, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 161, 159); box-shadow:4px 4px 4px 4px rgb(183, 161, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5313, 38.0602, 38.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 161, 159) }
```

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

```
.background{ background-color: rgb(183,  
161, 159) }
```

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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