

Converting Colors

XYZ(38.7656, 37.9580, 38.2456)

Have a look what the booklet for
XYZ(38.7656, 37.9580, 38.2456)
contains.

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Color

**XYZ(38.5960, 37.8352,
38.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A09F
RGB	184, 160, 159
RGB Percent	72%, 63%, 62%
CMY	0.2784, 0.3725, 0.3765
CMYK	0.00, 0.13, 0.14, 0.28
HSL	2°, 15%, 67%
HSV	2°, 14%, 72%
XYZ	38.5960, 37.8352, 38.0696
YIQ	167.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

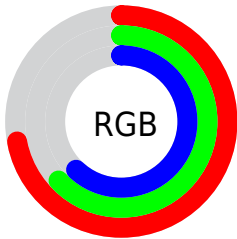
Format	Color
R_{YB}	184, 160, 159
Decimal	12099743
CIE _{Lab}	67.90, 8.62, 3.76
CIE _{LCh}	68, 9.407, 23.533
Yxy	37.8352, 0.3371, 0.3304
Android (android.graphics.Color)	4290289823 (0xFFB8A09F)
YUV	167.0620, -3.9746, 14.8546
Hunter-Lab	61.5103, 4.3607, 6.3618

Details

The XYZ color **38.5960, 37.8352, 38.0696** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8830, 44.6976, 51.8732**, and the grayscale version is **36.7755, 38.6906, 42.1341**.

A 20% lighter version of the original color is **72.3732, 71.9812, 73.6976**, and **17.5355, 16.8453, 16.5146** is the 20% darker color. If you saturate the color by 10%, you get **34.2695, 31.5499, 29.3275**, and if you desaturate by 10%, it is **43.5973, 45.0889, 48.2102**.

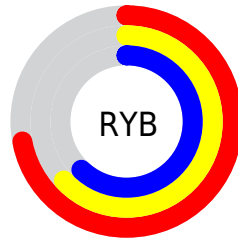
Distribution



Red (72%)

Green (63%)

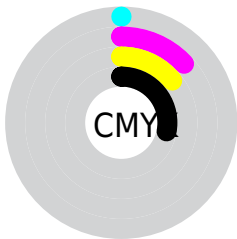
Blue (62%)



Red (72%)

Yellow (63%)

Blue (62%)

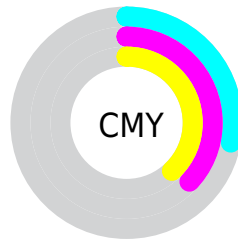


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5960, 37.8352, 38.0696 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 38.5960, 37.8352, 38.0696 by changing the saturation by 10% instead.


 38.5960, 37.8352,
38.0696


 38.5960, 37.8352,
38.0696


331.4066,
336.9125, 353.2256

 26.6249, 25.8548,
25.7345


 72.3188, 71.8555,
73.4194

 17.4268, 16.7151,
16.4011


 94.8011, 94.6641,
97.2712

 10.6365, 10.0315,
9.6510


121.5180,
121.8510, 125.7989

 5.8884, 5.4199,
5.0656

152.8346,
153.8005, 159.4211

 2.8174, 2.4957,
2.2264

189.1165,
190.8970, 198.5563

 1.0579, 0.8745,
0.6895

230.7288,

 0.0000, 0.0000,

233.5249, 243.6231

0.0000

278.0371,
282.0686, 295.0400

■ 38.5960, 37.8352,
38.0696

■ 38.5960, 37.8352,
38.0696

■ 34.2695, 31.5499,
29.3275

■ 43.5973, 45.0889,
48.2102

■ 30.5860, 26.1873,
21.9203

■ 49.2971, 53.3441,
59.8043

■ 27.5157, 21.7054,
15.7831

■ 55.7222, 62.6389,
72.9069

■ 25.0253, 18.0573,
10.8445

■ 62.8967, 73.0074,
87.5695

■ 23.0783, 15.1913,
7.0262

■ 70.8437, 84.4826,
103.8410

■ 21.6341, 13.0505,
4.2405

■ 73.5773, 88.9304,
107.8951

■ 20.6465, 11.5697,
2.3868

■ 20.0605, 10.6726,
1.3442

■ 19.8475, 10.3508,
0.9518

Harmonies

Analogous

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



38.8224, 37.8352, 42.1079



38.5960, 37.8352, 38.0696



37.6551, 37.8352, 35.0647

Triad

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



38.5960, 37.8352, 38.0696



33.7512, 37.8352, 36.6015



35.6461, 37.8352, 49.7093

Complementary

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



38.5960, 37.8352, 38.0696



39.8830, 44.6976, 51.8732

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.



34.3189, 37.8352, 48.0035



38.5960, 37.8352, 38.0696



33.2442, 37.8352, 40.2975

Square

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



38.5960, 37.8352, 38.0696



34.8523, 37.8352, 34.2580



33.4492, 37.8352, 44.4893



37.0934, 37.8352, 49.0128

Rectangle

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



38.5960, 37.8352, 38.0696



36.7626, 37.8352, 33.9593



33.4492, 37.8352, 44.4893



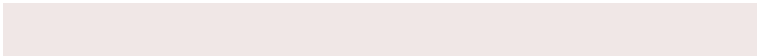
35.1716, 37.8352, 49.3943

Sweetspot

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



38.5970, 37.8369, 38.0704



78.5674, 81.0628, 86.4511



40.7304, 38.4130, 50.1589



16.7825, 17.2508, 18.3223



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.



38.5970, 37.8369, 38.0704



67.7464, 65.3649, 64.5193



40.8417, 42.3261, 38.8186



9.0327, 9.0684, 9.3812



13.6911, 7.1586, 0.6602



0.4925, 0.2720, 0.0265

Inverse Universe

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



39.8830, 44.6976, 51.8732



70.4860, 79.9819, 93.9277



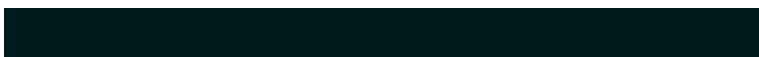
37.4503, 39.8322, 51.0623



9.2350, 10.1471, 11.5513



16.7587, 23.9772, 34.9978



0.6004, 0.8645, 1.2370

Previews

White Background



This preview shows how the XYZ color 38.5960, 37.8352, 38.0696 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 38.5960, 37.8352, 38.0696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

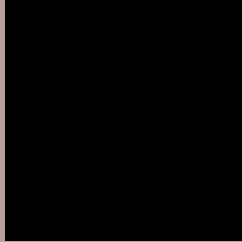
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5960, 37.8352, 38.0696

Background



This preview shows how black text looks on a background with the XYZ color 38.5960, 37.8352, 38.0696.



This preview shows how white text looks on a background with the XYZ color 38.5960, 37.8352,

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

38.5960, 37.8352, 38.0696

Protanopia

36.3389, 37.9539, 39.5930

Deuteranopia

38.5960, 37.8352, 38.0696



Tritanopia

39.8272, 37.8331, 43.7315

Trichromacy



Original Color

38.5960, 37.8352, 38.0696

Protanomaly

36.9858, 37.7663, 39.0585

Deuteranomaly

38.5960, 37.8352, 38.0696

Tritanomaly

39.3808, 37.9006, 41.7992

Monochromacy



Original Color

38.5960, 37.8352, 38.0696

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2099, 38.1155, 40.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5960, 37.8352, 38.0696 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(184, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 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(184, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.5960, 37.8352, 38.0696 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(184, 160, 159) }
```


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

```
.border{ border-color:rgb(184, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5960, 37.8352, 38.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 159) }
```

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

```
.background{ background-color: rgb(184,  
160, 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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