

Converting Colors

XYZ(37.8600, 37.3567, 38.1636)

Have a look what the booklet for
XYZ(37.8600, 37.3567, 38.1636)
contains.

XYZ(37.8849, 37.4686, 38.0363)	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(37.8849, 37.4686,
38.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A09F
RGB	181, 160, 159
RGB Percent	71%, 63%, 62%
CMY	0.2902, 0.3725, 0.3765
CMYK	0.00, 0.12, 0.12, 0.29
HSL	3°, 13%, 67%
HSV	3°, 12%, 71%
XYZ	37.8849, 37.4686, 38.0363
YIQ	166.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

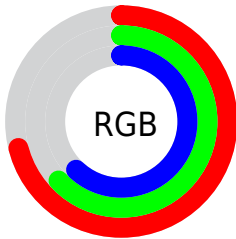
Format	Color
RYB	181, 160, 159
Decimal	11903135
CIELab	67.63, 7.51, 3.33
CIElCh	68, 8.213, 23.908
Yxy	37.4686, 0.3341, 0.3304
Android (android.graphics.Color)	4290093215 (0xFFB5A09F)
YUV	166.1650, -3.5323, 13.0103
Hunter-Lab	61.2116, 3.3564, 6.0059

Details

The XYZ color **37.8849, 37.4686, 38.0363** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9596, 43.3488, 50.0303**, and the grayscale version is **36.3384, 38.2308, 41.6333**.

A 20% lighter version of the original color is **71.3631, 71.4604, 73.6503**, and **17.0775, 16.6092, 16.4932** is the 20% darker color. If you saturate the color by 10%, you get **33.6386, 31.3079, 29.4308**, and if you desaturate by 10%, it is **42.7795, 44.5569, 47.9935**.

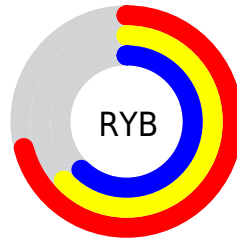
Distribution



Red (71%)

Green (63%)

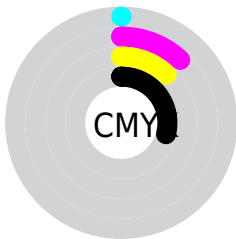
Blue (62%)



Red (71%)

Yellow (63%)

Blue (62%)

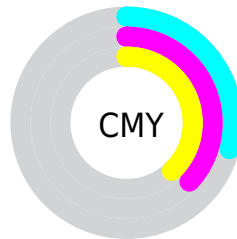


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8849, 37.4686, 38.0363 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 37.8849, 37.4686, 38.0363 by changing the saturation by 10% instead.


 37.8849, 37.4686,
38.0363


 37.8849, 37.4686,
38.0363


328.4154,
335.3349, 353.0785

 26.0702, 25.5705,
25.7088


 71.2367, 71.2929,
73.3678

 17.0091, 16.5026,
16.3821


 93.5045, 93.9879,
97.2089

 10.3363, 9.8805,
9.6377


119.9874,
121.0507, 125.7250

 5.6865, 5.3198,
5.0569

151.0507,
152.8656, 159.3345

 2.6942, 2.4361,
2.2214

187.0598,
189.8171, 198.4561

 0.9942, 0.8444,
0.6867

228.3801,

 0.0000, 0.0000,

232.2896, 243.5083

0.0000

275.3768,
280.6674, 294.9096

■ 37.8849, 37.4686,
38.0363

■ 37.8849, 37.4686,
38.0363

■ 33.6386, 31.3079,
29.4308

■ 42.7795, 44.5569,
47.9935

■ 30.0103, 26.0317,
22.1165

■ 48.3446, 52.6036,
59.3547

■ 26.9723, 21.6009,
16.0319

■ 54.6054, 61.6445,
72.1721

■ 24.4933, 17.9716,
11.1095

■ 61.5846, 71.7117,
86.4948

■ 22.5392, 15.0958,
7.2751

■ 69.3042, 82.8362,
102.3695

■ 21.0722, 12.9207,
4.4464

■ 72.8663, 88.5639,
107.8618

■ 20.0493, 11.3862,
2.5291

■ 19.4201, 10.4226,
1.4108

■ 19.1458, 10.0031,
0.9217

Harmonies

Analogous

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



38.0886, 37.4686, 41.5413



37.8849, 37.4686, 38.0363



37.0661, 37.4686, 35.4187

Triad

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



37.8849, 37.4686, 38.0363



33.6817, 37.4686, 36.8263



35.3550, 37.4686, 48.1293

Complementary

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



37.8849, 37.4686, 38.0363



38.9596, 43.3488, 50.0303

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.



34.1979, 37.4686, 46.6938



37.8849, 37.4686, 38.0363



33.2467, 37.4686, 40.0615

Square

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



37.8849, 37.4686, 38.0363



34.6353, 37.4686, 34.7496



33.4334, 37.4686, 43.6880



36.6085, 37.4686, 47.5081

Rectangle

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



37.8849, 37.4686, 38.0363



36.2918, 37.4686, 34.4584



33.4334, 37.4686, 43.6880



34.9423, 37.4686, 47.8687

Sweetspot

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



37.8859, 37.4703, 38.0371



74.8488, 77.2415, 82.3529



39.7201, 37.9267, 48.5502



16.0312, 16.4828, 17.5014



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.



37.8859, 37.4703, 38.0371



65.3756, 63.5170, 63.0971



39.8271, 41.3526, 38.6842



8.5264, 8.5653, 8.8564



13.2126, 6.9238, 0.6400



0.4260, 0.2383, 0.0236

Inverse Universe

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



38.9596, 43.3488, 50.0303



67.7373, 76.4484, 89.4805



36.8767, 39.1829, 49.3360



8.7088, 9.5638, 10.8933



16.0321, 22.8646, 33.7053



0.5145, 0.7396, 1.0639

Previews

White Background



This preview shows how the XYZ color 37.8849, 37.4686, 38.0363 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 37.8849, 37.4686, 38.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

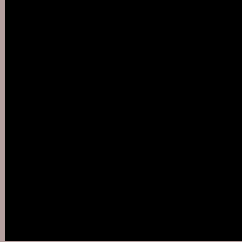
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8849, 37.4686, 38.0363

Background



This preview shows how black text looks on a background with the XYZ color 37.8849, 37.4686, 38.0363.



This preview shows how white text looks on a background with the XYZ color 37.8849, 37.4686,

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

37.8849, 37.4686, 38.0363

Protanopia

36.0707, 37.5591, 39.0667

Deuteranopia

38.1846, 37.3668, 38.0008



Tritanopia

39.1060, 37.4613, 43.6977

Trichromacy



Original Color

37.8849, 37.4686, 38.0363

Protanomaly

36.6759, 37.6167, 38.5854

Deuteranomaly

37.9475, 37.2446, 37.9898

Tritanomaly

38.6646, 37.5314, 41.7657

Monochromacy



Original Color

37.8849, 37.4686, 38.0363

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6809, 37.8532, 40.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8849, 37.4686, 38.0363 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, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.8849, 37.4686, 38.0363 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, 160, 159) }
```


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

```
.border{ border-color:rgb(181, 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(181, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8849, 37.4686, 38.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 160, 159) }
```

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

```
.background{ background-color: rgb(181,  
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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