

Converting Colors

XYZ(38.6693, 36.8646, 35.9708)

Have a look what the booklet for
XYZ(38.6693, 36.8646, 35.9708)
contains.

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Color

**XYZ(38.7911, 36.9623,
36.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C9B
RGB	189, 156, 155
RGB Percent	74%, 61%, 61%
CMY	0.2588, 0.3882, 0.3922
CMYK	0.00, 0.17, 0.18, 0.26
HSL	2°, 20%, 67%
HSV	2°, 18%, 74%
XYZ	38.7911, 36.9623, 36.1003
YIQ	165.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

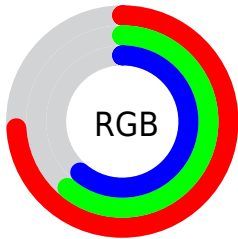
Format	Color
RYB	189, 156, 155
Decimal	12426395
CIELab	67.25, 12.05, 5.11
CIELCh	67, 13.088, 22.970
Yxy	36.9623, 0.3468, 0.3305
Android (android.graphics.Color)	4290616475 (0xFFBD9C9B)
YUV	165.7530, -5.3012, 20.3876
Hunter-Lab	60.7966, 7.4973, 7.3520

Details

The XYZ color **38.7911, 36.9623, 36.1003** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6857, 46.6080, 54.9962**, and the grayscale version is **36.1451, 38.0275, 41.4119**.

A 20% lighter version of the original color is **72.8089, 70.7848, 70.1470**, and **17.5419, 16.2535, 15.3094** is the 20% darker color. If you saturate the color by 10%, you get **34.4776, 30.6796, 27.4348**, and if you desaturate by 10%, it is **43.8199, 44.2773, 46.2308**.

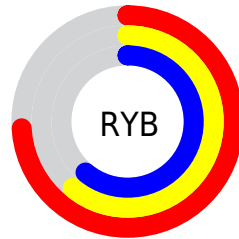
Distribution



Red (74%)

Green (61%)

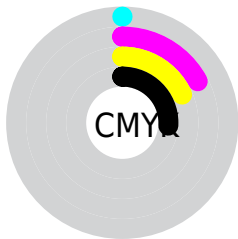
Blue (61%)



Red (74%)

Yellow (61%)

Blue (61%)

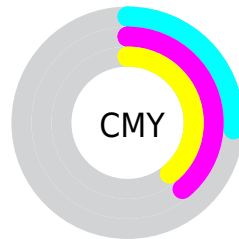


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7911, 36.9623, 36.1003 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 38.7911, 36.9623, 36.1003 by changing the saturation by 10% instead.

 38.7911, 36.9623,
36.1003


 38.7911, 36.9623,
36.1003


332.2240,
333.1473, 344.4494

 26.7772, 25.1783,
24.2214


 72.6152, 70.5148,
70.3576

 17.5417, 16.2099,
15.2842


 95.1562, 93.0521,
93.5731

 10.7192, 9.6728,
8.8702


121.9369,
119.9426, 121.4045

 5.9442, 5.1826,
4.5610

153.3227,
151.5707, 154.2704

 2.8515, 2.3548,
1.9379

189.6789,
188.3209, 192.5893

 1.0757, 0.8025,
0.5167

231.3710,

 0.0047, 0.0000,

230.5774, 236.7797

0.0000

278.7642,
278.7247, 287.2602

■ 0.0000, 0.0000,
0.0000

■ 38.7911, 36.9623,
36.1003

■ 38.7911, 36.9623,
36.1003

■ 34.4776, 30.6796,
27.4348

■ 43.8199, 44.2773,
46.2308

■ 30.8441, 25.3780,
20.1645

■ 49.5912, 52.6629,
57.8872

■ 27.8568, 21.0095,
14.2170

■ 56.1344, 62.1614,
71.1297

■ 25.4778, 17.5202,
9.5128

■ 63.4767, 72.8115,
86.0149

■ 23.6653, 14.8504,
5.9639

■ 71.6437, 84.6499,
102.5962

■ 22.3723, 12.9334,
3.4705

■ 74.7964, 89.5589,
107.9521

■ 21.5441, 11.6916,
1.9162

■ 21.1078, 11.0284,
1.1253

■ 21.0469, 10.9400,
1.0023

Harmonies

Analogous

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



39.0866, 36.9623, 41.6082



38.7911, 36.9623, 36.1003



37.4979, 36.9623, 32.0809

Triad

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



38.7911, 36.9623, 36.1003



32.1512, 36.9623, 33.9729



34.6632, 36.9623, 52.1910

Complementary

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



38.7911, 36.9623, 36.1003



40.6857, 46.6080, 54.9962

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.



32.8670, 36.9623, 49.6900



38.7911, 36.9623, 36.1003



31.4527, 36.9623, 38.9132

Square

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



38.7911, 36.9623, 36.1003



33.6526, 36.9623, 30.9364



31.7097, 36.9623, 44.6968



36.6532, 36.9623, 51.2569

Rectangle

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



38.7911, 36.9623, 36.1003



36.2695, 36.9623, 30.6101



31.7097, 36.9623, 44.6968



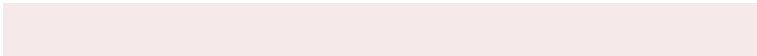
34.0177, 36.9623, 51.7168

Sweetspot

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



38.7921, 36.9640, 36.1011



81.3483, 83.4678, 88.5850



41.8319, 37.9115, 52.9354



17.3424, 17.7297, 18.7447



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.7921, 36.9640, 36.1011



65.9513, 61.0697, 57.5695



41.7636, 42.9070, 37.0916



9.5521, 9.5803, 9.9224



14.1709, 7.3805, 0.6777



0.5629, 0.3047, 0.0292

Inverse Universe

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



40.6857, 46.6080, 54.9962



70.0363, 81.8767, 98.3387



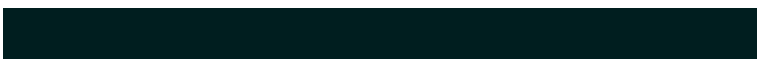
37.3482, 39.9329, 53.8837



9.7838, 10.7599, 12.2334



17.6425, 25.3968, 36.3651



0.6987, 1.0101, 1.4270

Previews

White Background



This preview shows how the XYZ color 38.7911, 36.9623, 36.1003 looks on a white background.

Color Contrast Check

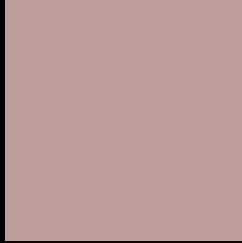
Large Text (above 18pt) WCAG AA × Fail

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 38.7911, 36.9623, 36.1003 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 38.7911, 36.9623, 36.1003

Background



This preview shows how black text looks on a background with the XYZ color 38.7911, 36.9623, 36.1003.



This preview shows how white text looks on a background with the XYZ color 38.7911, 36.9623,

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

38.7911, 36.9623, 36.1003

Protanopia

35.5037, 37.0224, 38.0757

Deuteranopia

37.6717, 36.8876, 36.1448



Tritanopia

39.6737, 36.8115, 41.0907

Trichromacy



Original Color

38.7911, 36.9623, 36.1003

Protanomaly

36.6469, 36.8403, 37.5272

Deuteranomaly

37.9809, 36.7948, 36.1106

Tritanomaly

39.4781, 36.9985, 39.2431

Monochromacy



Original Color

38.7911, 36.9623, 36.1003

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8975, 37.4480, 39.4659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7911, 36.9623, 36.1003 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(189, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 155)  
}
```

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(189, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.7911, 36.9623, 36.1003 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(189, 156, 155) }
```


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

```
.border{ border-color:rgb(189, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7911, 36.9623, 36.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 155) }
```

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

```
.background{ background-color: rgb(189,  
156, 155) }
```

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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