

Converting Colors

XYZ(38.7137, 36.5075, 37.0001)

Have a look what the booklet for
XYZ(38.7137, 36.5075, 37.0001)
contains.

XYZ(38.6277, 36.3643, 36.8814)	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(38.6277, 36.3643,
36.8814)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9A9D
RGB	189, 154, 157
RGB Percent	74%, 60%, 62%
CMY	0.2588, 0.3961, 0.3843
CMYK	0.00, 0.19, 0.17, 0.26
HSL	355°, 21%, 67%
HSV	355°, 19%, 74%
XYZ	38.6277, 36.3643, 36.8814
YIQ	164.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

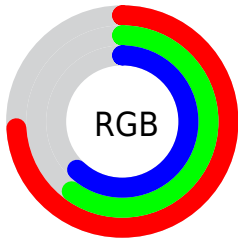
Format	Color
RYB	189, 154, 157
Decimal	12425885
CIELab	66.80, 13.47, 3.34
CIElCh	67, 13.882, 13.914
Yxy	36.3643, 0.3453, 0.3250
Android (android.graphics.Color)	4290615965 (0xFFBD9A9D)
YUV	164.8070, -3.8489, 21.2173
Hunter-Lab	60.3028, 8.8104, 5.9500

Details

The XYZ color **38.6277, 36.3643, 36.8814** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3884, 46.8114, 53.3635**, and the grayscale version is **35.6837, 37.5420, 40.8833**.

A 20% lighter version of the original color is **72.3198, 69.4077, 71.2134**, and **17.4434, 15.8920, 15.7838** is the 20% darker color. If you saturate the color by 10%, you get **34.3780, 30.0612, 28.6931**, and if you desaturate by 10%, it is **43.5793, 43.7365, 46.3342**.

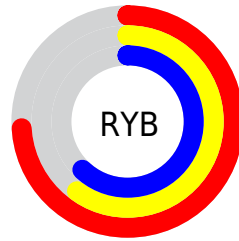
Distribution



Red (74%)

Green (60%)

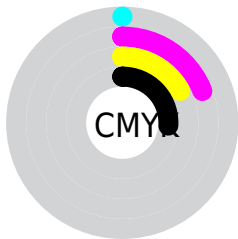
Blue (62%)



Red (74%)

Yellow (60%)

Blue (62%)

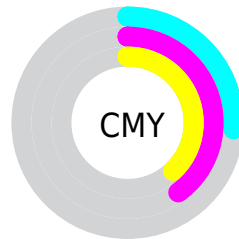


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6277, 36.3643, 36.8814 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 38.6277, 36.3643, 36.8814 by changing the saturation by 10% instead.


 38.6277, 36.3643,
36.8814


 38.6277, 36.3643,
36.8814


331.5395,
330.5500, 347.9500

 26.6496, 24.7157,
24.8206


 72.3669, 69.5940,
71.5746

 17.4455, 15.8654,
15.7257


 94.8588, 91.9438,
95.0441

 10.6499, 9.4289,
9.1780


121.5861,
118.6296, 123.1537

 5.8975, 5.0220,
4.7591

152.9140,
150.0356, 156.3217

 2.8229, 2.2602,
2.0503

189.2079,
186.5462, 194.9668

 1.0608, 0.7525,
0.5860

230.8332,

 0.0000, 0.0000,

228.5459, 239.5075

0.0000

278.1553,
276.4190, 290.3624

■ 38.6277, 36.3643,
36.8814

■ 38.6277, 36.3643,
36.8814

■ 34.3780, 30.0612,
28.6931

■ 43.5793, 43.7365,
46.3342

■ 30.7955, 24.7729,
21.7134

■ 49.2595, 52.2189,
57.0996

■ 27.8472, 20.4478,
15.8858

■ 55.6970, 61.8567,
69.2258

■ 25.4959, 17.0278,
11.1482

■ 62.9185, 72.6908,
82.7581

■ 23.7008, 14.4486,
7.4326

■ 70.9489, 84.7604,
97.7397

■ 22.4156, 12.6375,
4.6636

■ 74.7965, 89.5589,
107.9522

■ 21.5866, 11.5090,
2.7551

■ 21.1323, 10.9260,
1.6000

■ 21.0814, 10.8569,
1.4819

Harmonies

Analogous

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



38.5851, 36.3643, 42.8820



38.6277, 36.3643, 36.8814



37.5508, 36.3643, 32.1113

Triad

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



38.6277, 36.3643, 36.8814



31.8406, 36.3643, 31.8429



33.4577, 36.3643, 51.7624

Complementary

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



38.6277, 36.3643, 36.8814



40.3884, 46.8114, 53.3635

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.



31.7384, 36.3643, 48.1584



38.6277, 36.3643, 36.8814



30.8309, 36.3643, 36.4795

Square

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



38.6277, 36.3643, 36.8814



33.6024, 36.3643, 29.4077



30.7943, 36.3643, 42.4376



35.5421, 36.3643, 51.8980

Rectangle

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



38.6277, 36.3643, 36.8814



36.3672, 36.3643, 30.1000



30.7943, 36.3643, 42.4376



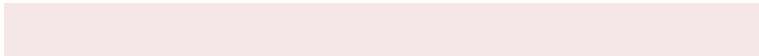
32.8199, 36.3643, 50.9011

Sweetspot

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



38.6287, 36.3659, 36.8822



80.3905, 81.8229, 87.4317



40.8705, 37.1636, 53.1638



17.1508, 17.3914, 18.5419



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.



38.6287, 36.3659, 36.8822



66.1183, 60.5790, 60.1679



40.8228, 41.1585, 36.3666



9.5624, 9.5493, 10.0849



14.1964, 7.3097, 1.0619



0.5675, 0.2909, 0.1015

Inverse Universe

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



38.6287, 36.3659, 36.8822



66.1183, 60.5790, 60.1679



37.8431, 41.2055, 54.1035



9.5624, 9.5493, 10.0849



14.1964, 7.3097, 1.0619



0.5675, 0.2909, 0.1015

Previews

White Background



This preview shows how the XYZ color 38.6277, 36.3643, 36.8814 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 38.6277, 36.3643, 36.8814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

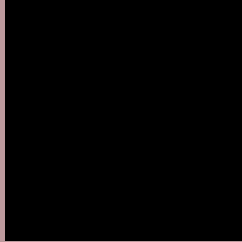
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6277, 36.3643, 36.8814

Background



This preview shows how black text looks on a background with the XYZ color 38.6277, 36.3643, 36.8814.



This preview shows how white text looks on a background with the XYZ color 38.6277, 36.3643,

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

38.6277, 36.3643, 36.8814

Protanopia

35.0792, 36.5209, 38.9186

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

39.4180, 36.4462, 40.5546

Trichromacy



Original Color

38.6277, 36.3643, 36.8814

Protanomaly

36.1989, 36.3330, 38.3628

Deuteranomaly

37.6564, 36.3676, 36.4874

Tritanomaly

39.1480, 36.3383, 39.1331

Monochromacy



Original Color

38.6277, 36.3643, 36.8814

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.7220, 37.0970, 39.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6277, 36.3643, 36.8814 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, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 154, 157)  
}
```

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, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 38.6277, 36.3643, 36.8814 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, 154, 157) }
```


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

```
.border{ border-color:rgb(189, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6277, 36.3643, 36.8814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 154, 157) }
```

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

```
.background{ background-color: rgb(189,  
154, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor