

Converting Colors

$Yxy(38.1208, 0.3343, 0.3251)$

Have a look what the booklet for
Yxy(38.1208, 0.3343, 0.3251)
contains.

Yxy(38.1002, 0.3343, 0.3250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.1002, 0.3343, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B9A0A3
RGB	185, 160, 163
RGB Percent	73%, 63%, 64%
CMY	0.2745, 0.3725, 0.3608
CMYK	0.00, 0.14, 0.12, 0.27
HSL	353°, 15%, 68%
HSV	353°, 14%, 73%
XYZ	39.1905, 38.1002, 39.9407
YIQ	167.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

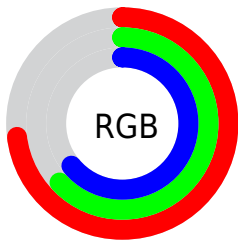
Format	Color
RYB	185, 160, 163
Decimal	12165283
CIELab	68.09, 9.67, 1.82
CIElCh	68, 9.844, 10.664
Yxy	38.1002, 0.3343, 0.3250
Android (android.graphics.Color)	4290355363 (0xFFB9A0A3)
YUV	167.8170, -2.3748, 15.0695
Hunter-Lab	61.7254, 5.3132, 4.8429

Details

The Yxy color **38.1002, 0.3343, 0.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5517, 0.2946, 0.3331**, and the grayscale version is **39.0714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3636, 0.3298, 0.3259**, and **16.9905, 0.3419, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **31.6110, 0.3548, 0.3218**, and if you desaturate by 10%, it is **45.6224, 0.3177, 0.3280**.

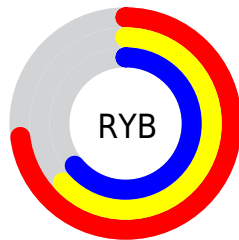
Distribution



Red (73%)

Green (63%)

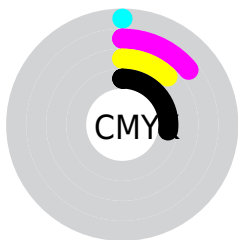
Blue (64%)



Red (73%)

Yellow (63%)

Blue (64%)

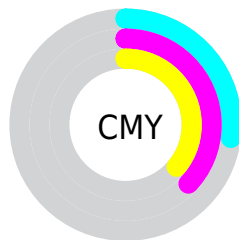


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (27%)



Cyan (27%)

Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1002, 0.3343, 0.3250 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 Yxy color 38.1002, 0.3343, 0.3250 by changing the saturation by 10% instead.


 38.1002, 0.3343,
0.3250


 38.1002, 0.3343,
0.3250


338.0496, 0.3231,
0.3271

 26.0605, 0.3372,
0.3244


 72.2617, 0.3301,
0.3258

 16.8689, 0.3411,
0.3237


 95.1522, 0.3286,
0.3261

 10.1411, 0.3464,
0.3226


122.4285, 0.3273,
0.3263

 5.4926, 0.3541,
0.3210

154.4749, 0.3262,
0.3266

 2.5391, 0.3663,
0.3183

191.6758, 0.3253,
0.3267

 0.8961, 0.3894,
0.3137

234.4156, 0.3245,

 0.0000, 1.0000,

0.3269

0.0000

283.0788, 0.3237,
0.3270

0.0000, 0.0000,
0.0000

38.1002, 0.3343,
0.3250

38.1002, 0.3343,
0.3250

31.6110, 0.3548,
0.3218

45.6224, 0.3177,
0.3280

26.1049, 0.3802,
0.3186

54.2146, 0.3044,
0.3308

21.5354, 0.4111,
0.3156

63.9184, 0.2936,
0.3333

17.8503, 0.4479,
0.3131

74.7713, 0.2848,
0.3356

14.9923, 0.4896,
0.3117

86.8094, 0.2776,
0.3377

■ 12.8971, 0.5338,
0.3119

■ 89.0550, 0.2726,
0.3289

■ 11.4912, 0.5756,
0.3144

■ 10.6865, 0.6092,
0.3189

■ 10.3738, 0.6252,
0.3218

Harmonies

Analogous

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



38.1002, 0.3215, 0.3135



38.1002, 0.3343, 0.3250



38.1002, 0.3412, 0.3377

Triad

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



38.1002, 0.3343, 0.3250



38.1002, 0.3183, 0.3534



38.1002, 0.2858, 0.3089

Complementary

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



38.1002, 0.3343, 0.3250



45.5517, 0.2946, 0.3331

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.



38.1002, 0.2850, 0.3192



38.1002, 0.3343, 0.3250



38.1002, 0.3036, 0.3453

Square

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



38.1002, 0.3343, 0.3250



38.1002, 0.3318, 0.3544



38.1002, 0.2915, 0.3326



38.1002, 0.2936, 0.3043

Rectangle

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



38.1002, 0.3343, 0.3250



38.1002, 0.3415, 0.3453



38.1002, 0.2915, 0.3326



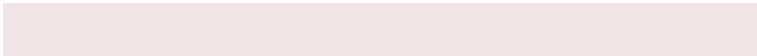
38.1002, 0.2847, 0.3118

Sweetspot

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



38.1019, 0.3343, 0.3250



80.9132, 0.3186, 0.3278



38.5506, 0.3112, 0.2959



17.2129, 0.3197, 0.3276



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.1019, 0.3343, 0.3250



64.8625, 0.3395, 0.3241



41.2925, 0.3354, 0.3414



9.0293, 0.3269, 0.3263



7.0690, 0.6231, 0.3206



0.2550, 0.5710, 0.2919

Inverse Universe

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



38.1019, 0.3343, 0.3250



64.8625, 0.3395, 0.3241



41.9640, 0.2921, 0.3163



9.0293, 0.3269, 0.3263



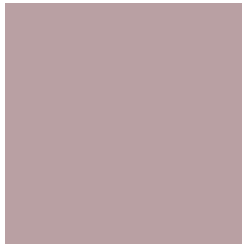
7.0690, 0.6231, 0.3206



0.2550, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 38.1002, 0.3343, 0.3250 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 Yxy color 38.1002, 0.3343, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

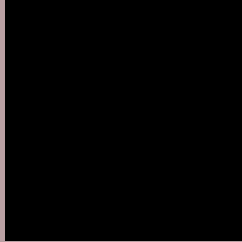
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1002, 0.3343, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 38.1002, 0.3343, 0.3250.



This preview shows how white text looks on a background with the Yxy color 38.1002, 0.3343, 0.3250.

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

38.1002, 0.3343, 0.3250

Protanopia

38.0985, 0.3156, 0.3276

Deuteranopia

38.2014, 0.3322, 0.3263



Tritanopia

38.1757, 0.3280, 0.3130

Trichromacy



Original Color

38.1002, 0.3343, 0.3250

Protanomaly

38.0250, 0.3223, 0.3263

Deuteranomaly

38.3244, 0.3332, 0.3264

Tritanomaly

38.0625, 0.3308, 0.3170

Monochromacy



Original Color

38.1002, 0.3343, 0.3250

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6621, 0.3203, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1002, 0.3343, 0.3250 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(185, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 163)  
}
```

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(185, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 163) }
```

Border

The CSS property to change the border of an element to Yxy 38.1002, 0.3343, 0.3250 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(185, 160, 163) }
```

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

```
.border{ border-color:rgb(185, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1002, 0.3343, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 163) }
```

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

```
.background{ background-color: rgb(185,  
160, 163) }
```

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