

Converting Colors

$Yxy(33.3938, 0.3658, 0.3416)$

Have a look what the booklet for
Yxy(33.3938, 0.3658, 0.3416)
contains.

Yxy(33.3938, 0.3658, 0.3416)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.3938, 0.3658, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	BC938A
RGB	188, 147, 138
RGB Percent	74%, 58%, 54%
CMY	0.2628, 0.4235, 0.4588
CMYK	0.00, 0.22, 0.27, 0.26
HSL	11°, 27%, 64%
HSV	11°, 27%, 74%
XYZ	35.7595, 33.3938, 28.6037
YIQ	158.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

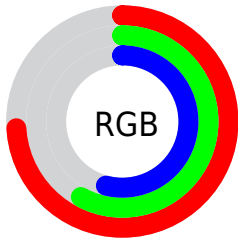
Format	Color
R _Y B	188, 149, 138
Decimal	12358538
CIE Lab	64.48, 14.07, 10.67
CIE LCh	64, 17.652, 37.171
Yxy	33.3938, 0.3658, 0.3416
Android (android.graphics.Color)	4290548618 (0xFFBC938A)
YUV	158.2330, -9.9749, 26.1057
Hunter-Lab	57.7874, 9.3301, 11.1037

Details

The Yxy color **33.3938, 0.3658, 0.3416** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2691, 0.2732, 0.3160**, and the grayscale version is **34.3408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9474, 0.3555, 0.3398**, and **14.1387, 0.3844, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **28.4204, 0.3936, 0.3466**, and if you desaturate by 10%, it is **39.1068, 0.3426, 0.3366**.

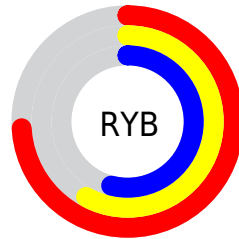
Distribution



Red (74%)

Green (58%)

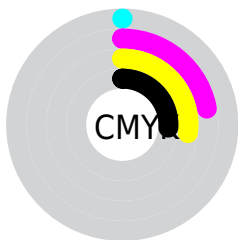
Blue (54%)



Red (74%)

Yellow (58%)

Blue (54%)

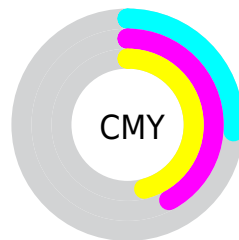


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3938, 0.3658, 0.3416 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 33.3938, 0.3658, 0.3416 by changing the saturation by 10% instead.


 33.3938, 0.3658,
0.3416


 33.3938, 0.3658,
0.3416


317.4205, 0.3375,
0.3355


 22.4283, 0.3735,
0.3430


 64.9899, 0.3551,
0.3394

 14.1719, 0.3836,
0.3448


 86.3892, 0.3512,
0.3386

 8.2404, 0.3979,
0.3469


 112.0353, 0.3480,
0.3379

 4.2491, 0.4192,
0.3495

142.3125, 0.3452,
0.3373

 1.8139, 0.4539,
0.3520

177.6052, 0.3429,
0.3368

 0.4958, 0.6216,
0.3784

218.2979, 0.3409,

 0.0000, 0.0000,

0.3363

0.0000

264.7748, 0.3391,
0.3359

■ 33.3938, 0.3658,
0.3416

■ 33.3938, 0.3658,
0.3416

■ 28.4204, 0.3936,
0.3466

■ 39.1068, 0.3426,
0.3366

■ 24.1517, 0.4265,
0.3513

■ 45.5831, 0.3235,
0.3319

■ 20.5569, 0.4643,
0.3551

■ 52.8513, 0.3077,
0.3276

■ 17.6012, 0.5056,
0.3573

■ 60.9369, 0.2946,
0.3235

■ 15.2464, 0.5473,
0.3569

■ 69.8644, 0.2838,
0.3199

■ 13.4504, 0.5848,
0.3534

■ 79.6572, 0.2747,
0.3166

■ 12.1642, 0.6132,
0.3469

■ 89.3618, 0.2741,
0.3288

■ 11.8281, 0.6213,
0.3449

■ 89.4311, 0.2742,
0.3289

Harmonies

Analogous

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



33.3938, 0.3509, 0.3185



33.3938, 0.3658, 0.3416



33.3938, 0.3656, 0.3627

Triad

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



33.3938, 0.3658, 0.3416



33.3938, 0.2983, 0.3625



33.3938, 0.2749, 0.2838

Complementary

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



33.3938, 0.3658, 0.3416



41.2691, 0.2732, 0.3160

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.



33.3938, 0.2623, 0.2929



33.3938, 0.3658, 0.3416



33.3938, 0.2753, 0.3384

Square

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



33.3938, 0.3658, 0.3416



33.3938, 0.3259, 0.3766



33.3938, 0.2624, 0.3126



33.3938, 0.2978, 0.2861

Rectangle

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



33.3938, 0.3658, 0.3416



33.3938, 0.3571, 0.3729



33.3938, 0.2624, 0.3126



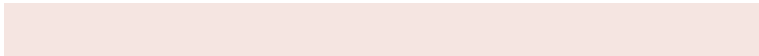
33.3938, 0.2694, 0.2855

Sweetspot

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



33.3953, 0.3658, 0.3416



80.7221, 0.3262, 0.3326



32.1486, 0.3240, 0.2739



16.9653, 0.3289, 0.3333



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.3953, 0.3658, 0.3416



55.0239, 0.3817, 0.3446



41.7769, 0.3576, 0.3739



9.8070, 0.3284, 0.3332



8.1331, 0.6195, 0.3463



0.4048, 0.5763, 0.3806

Inverse Universe

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



41.2691, 0.2732, 0.3160



71.7128, 0.2649, 0.3127



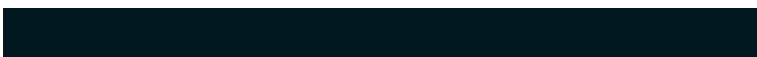
32.3645, 0.2697, 0.2796



10.5091, 0.2985, 0.3248



18.3340, 0.2086, 0.2711



0.7958, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 33.3938, 0.3658, 0.3416 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 33.3938, 0.3658, 0.3416 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 33.3938, 0.3658, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 33.3938, 0.3658, 0.3416.



This preview shows how white text looks on a background with the Yxy color 33.3938, 0.3658, 0.3416.

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

33.3938, 0.3658, 0.3416

Protanopia

33.5466, 0.3319, 0.3484

Deuteranopia

33.5231, 0.3558, 0.3491



Tritanopia

33.2940, 0.3496, 0.3129

Trichromacy



Original Color

33.3938, 0.3658, 0.3416

Protanomaly

33.4762, 0.3438, 0.3465

Deuteranomaly

33.5639, 0.3594, 0.3475

Tritanomaly

33.2395, 0.3558, 0.3237

Monochromacy



Original Color

33.3938, 0.3658, 0.3416

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7806, 0.3307, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3938, 0.3658, 0.3416 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(188, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 138)  
}
```

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(188, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 138) }
```

Border

The CSS property to change the border of an element to Yxy 33.3938, 0.3658, 0.3416 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(188, 147, 138) }
```

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

```
.border{ border-color:rgb(188, 147, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 147, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3938, 0.3658, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 138) }
```

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

```
.background{ background-color: rgb(188,  
147, 138) }
```

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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