

Converting Colors

$Yxy(38.8472, 0.3480, 0.3368)$

Have a look what the booklet for
Yxy(38.8472, 0.3480, 0.3368)
contains.

Yxy(38.9327, 0.3476, 0.3371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9327, 0.3476, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	BFA19B
RGB	191, 161, 155
RGB Percent	75%, 63%, 61%
CMY	0.2510, 0.3686, 0.3921
CMYK	0.00, 0.16, 0.19, 0.25
HSL	10°, 22%, 68%
HSV	10°, 19%, 75%
XYZ	40.1454, 38.9327, 36.4150
YIQ	169.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

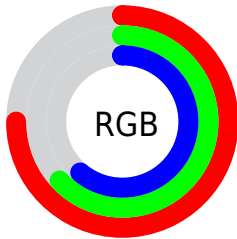
Format	Color
RYB	191, 162, 155
Decimal	12558747
CIELab	68.70, 10.05, 7.21
CIElCh	69, 12.371, 35.665
Yxy	38.9327, 0.3476, 0.3371
Android (android.graphics.Color)	4290748827 (0xFFBFA19B)
YUV	169.2860, -7.0430, 19.0432
Hunter-Lab	62.3961, 5.6530, 9.0750

Details

The Yxy color **38.9327, 0.3476, 0.3371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4255, 0.2843, 0.3207**, and the grayscale version is **39.8540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6716, 0.3414, 0.3363**, and **17.2551, 0.3585, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **33.1290, 0.3720, 0.3417**, and if you desaturate by 10%, it is **45.5496, 0.3275, 0.3327**.

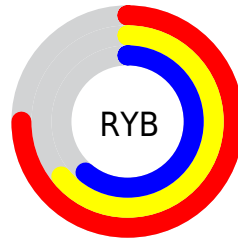
Distribution



Red (75%)

Green (63%)

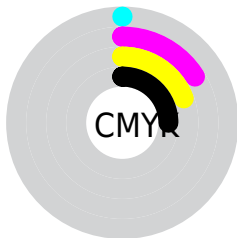
Blue (61%)



Red (75%)

Yellow (64%)

Blue (61%)

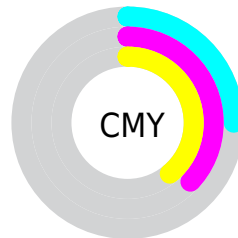


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9327, 0.3476, 0.3371 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 38.9327, 0.3476, 0.3371 by changing the saturation by 10% instead.


 38.9327, 0.3476,
0.3371


 38.9327, 0.3476,
0.3371


341.6043, 0.3295,
0.3332

 26.7074, 0.3523,
0.3380


 73.5355, 0.3409,
0.3357

 17.3536, 0.3585,
0.3392


 96.6818, 0.3384,
0.3352

 10.4869, 0.3671,
0.3407


124.2371, 0.3363,
0.3347

 5.7230, 0.3794,
0.3427

156.5860, 0.3345,
0.3343

 2.6774, 0.3989,
0.3453

194.1127, 0.3330,
0.3340

 0.9657, 0.4434,
0.3559

237.2018, 0.3317,

 0.0000, 1.0000,

0.3337

0.0000

286.2375, 0.3305,
0.3334

0.0000, 0.0000,
0.0000

38.9327, 0.3476,
0.3371

38.9327, 0.3476,
0.3371

33.1290, 0.3720,
0.3417

45.5496, 0.3275,
0.3327

28.1018, 0.4012,
0.3463

53.0038, 0.3110,
0.3285

23.8197, 0.4357,
0.3505

61.3253, 0.2973,
0.3247

20.2469, 0.4750,
0.3538

70.5408, 0.2860,
0.3213

17.3446, 0.5173,
0.3552

80.6759, 0.2767,
0.3182

■ 15.0705, 0.5590,
0.3541

■ 89.8146, 0.2757,
0.3289

■ 13.3769, 0.5949,
0.3499

■ 12.2054, 0.6210,
0.3436

■ 12.0983, 0.6236,
0.3430

Harmonies

Analogous

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



38.9327, 0.3374, 0.3214



38.9327, 0.3476, 0.3371



38.9327, 0.3481, 0.3513

Triad

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



38.9327, 0.3476, 0.3371



38.9327, 0.3042, 0.3516



38.9327, 0.2867, 0.2987

Complementary

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



38.9327, 0.3476, 0.3371



45.4255, 0.2843, 0.3207

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.



38.9327, 0.2785, 0.3056



38.9327, 0.3476, 0.3371



38.9327, 0.2884, 0.3363

Square

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



38.9327, 0.3476, 0.3371



38.9327, 0.3227, 0.3604



38.9327, 0.2791, 0.3192



38.9327, 0.3020, 0.2996

Rectangle

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



38.9327, 0.3476, 0.3371



38.9327, 0.3429, 0.3580



38.9327, 0.2791, 0.3192



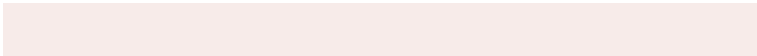
38.9327, 0.2831, 0.3001

Sweetspot

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



38.9345, 0.3476, 0.3371



85.0995, 0.3226, 0.3315



38.0498, 0.3198, 0.2895



18.4991, 0.3238, 0.3318



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.9345, 0.3476, 0.3371



64.8565, 0.3581, 0.3392



45.4403, 0.3435, 0.3597



9.7864, 0.3284, 0.3329



8.0335, 0.6217, 0.3445



0.3958, 0.5802, 0.3775

Inverse Universe

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



45.4255, 0.2843, 0.3207



78.8165, 0.2778, 0.3186



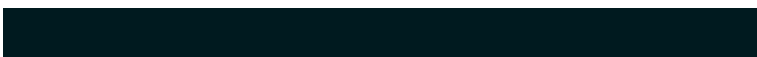
38.5904, 0.2830, 0.2963



10.5315, 0.2985, 0.3251



18.9078, 0.2099, 0.2757



0.8137, 0.2138, 0.2897

Previews

White Background



This preview shows how the Yxy color 38.9327, 0.3476, 0.3371 looks on a white background.

Color Contrast Check

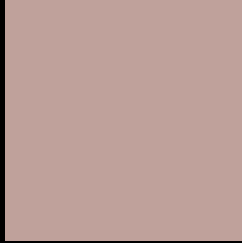
Large Text (above 18pt) WCAG AA × Fail

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 38.9327, 0.3476, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

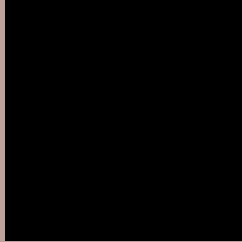
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9327, 0.3476, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 38.9327, 0.3476, 0.3371.



This preview shows how white text looks on a background with the Yxy color 38.9327, 0.3476, 0.3371.

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

38.9327, 0.3476, 0.3371

Protanopia

38.9903, 0.3262, 0.3416

Deuteranopia

39.0260, 0.3454, 0.3385



Tritanopia

39.0740, 0.3348, 0.3134

Trichromacy



Original Color

38.9327, 0.3476, 0.3371

Protanomaly

39.0479, 0.3341, 0.3401

Deuteranomaly

39.1544, 0.3464, 0.3385

Tritanomaly

39.0647, 0.3393, 0.3225

Monochromacy



Original Color

38.9327, 0.3476, 0.3371

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2999, 0.3248, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9327, 0.3476, 0.3371 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(191, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 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(191, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 155) }
```

Border

The CSS property to change the border of an element to Yxy 38.9327, 0.3476, 0.3371 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(191, 161, 155) }
```

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

```
.border{ border-color:rgb(191, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9327, 0.3476, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 155) }
```

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

```
.background{ background-color: rgb(191,  
161, 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](#).

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