

Converting Colors

$Yxy(38.8794, 0.3635, 0.3552)$

Have a look what the booklet for
Yxy(38.8794, 0.3635, 0.3552)
contains.

Yxy(38.8822, 0.3642, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.8822, 0.3642, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	C2A18D
RGB	194, 161, 141
RGB Percent	76%, 63%, 55%
CMY	0.2392, 0.3686, 0.4471
CMYK	0.00, 0.17, 0.27, 0.24
HSL	23°, 30%, 66%
HSV	23°, 27%, 76%
XYZ	39.8002, 38.8822, 30.5987
YIQ	168.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

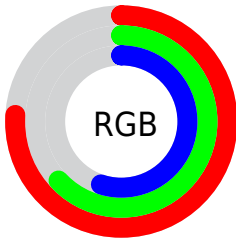
Format	Color
RYB	194, 173, 141
Decimal	12755341
CIELab	68.67, 9.13, 14.97
CIELCh	69, 17.538, 58.627
Yxy	38.8822, 0.3642, 0.3558
Android (android.graphics.Color)	4290945421 (0xFFC2A18D)
YUV	168.5870, -13.6004, 22.2872
Hunter-Lab	62.3556, 4.8102, 14.5545

Details

The Yxy color **38.8822, 0.3642, 0.3558** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8203, 0.2706, 0.3005**, and the grayscale version is **39.5208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5611, 0.3538, 0.3508**, and **17.2681, 0.3809, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **34.3379, 0.3889, 0.3661**, and if you desaturate by 10%, it is **43.9387, 0.3428, 0.3456**.

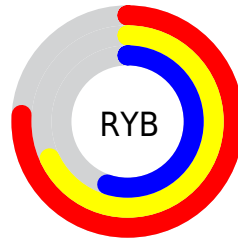
Distribution



Red (76%)

Green (63%)

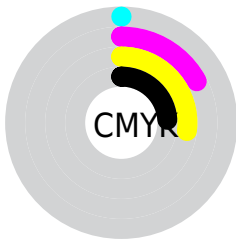
Blue (55%)



Red (76%)

Yellow (68%)

Blue (55%)

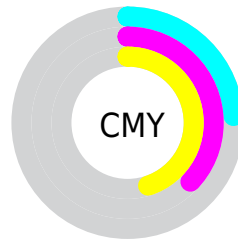


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8822, 0.3642, 0.3558 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 38.8822, 0.3642, 0.3558 by changing the saturation by 10% instead.


 38.8822, 0.3642,
0.3558


 38.8822, 0.3642,
0.3558


341.3894, 0.3375,
0.3425


 26.6681, 0.3712,
0.3591


 73.4583, 0.3543,
0.3510

 17.3241, 0.3802,
0.3632


 96.5891, 0.3506,
0.3492

 10.4658, 0.3926,
0.3686


 124.1276, 0.3476,
0.3476

 5.7089, 0.4104,
0.3757

156.4582, 0.3449,
0.3463

 2.6689, 0.4378,
0.3855

193.9653, 0.3427,
0.3452

 0.9614, 0.5489,
0.4511

237.0333, 0.3407,

 0.0000, 1.0000,


0.3442


0.0000


286.0465, 0.3390,
0.3433

 0.0000, 0.0000,
0.0000


 38.8822, 0.3642,
0.3558


 38.8822, 0.3642,
0.3558

 34.3379, 0.3889,
0.3661


 43.9387, 0.3428,
0.3456


 30.2837, 0.4169,
0.3759


 49.5181, 0.3245,
0.3358


 26.7037, 0.4478,
0.3844

 55.6372, 0.3088,
0.3266

 23.5788, 0.4807,
0.3905

 62.3106, 0.2954,
0.3181

 20.8886, 0.5137,
0.3928

 69.5522, 0.2839,
0.3103

■ 18.6106, 0.5443,
0.3903

■ 77.2212, 0.2754,
0.3057

■ 16.7178, 0.5700,
0.3828

■ 84.3102, 0.2765,
0.3188

■ 16.2701, 0.5764,
0.3805

■ 90.2098, 0.2773,
0.3289

Harmonies

Analogous

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



38.8822, 0.3602, 0.3347



38.8822, 0.3642, 0.3558



38.8822, 0.3538, 0.3710

Triad

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



38.8822, 0.3642, 0.3558



38.8822, 0.2828, 0.3449



38.8822, 0.2917, 0.2867

Complementary

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



38.8822, 0.3642, 0.3558



39.8203, 0.2706, 0.3005

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.



38.8822, 0.2724, 0.2876



38.8822, 0.3642, 0.3558



38.8822, 0.2674, 0.3202

Square

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



38.8822, 0.3642, 0.3558



38.8822, 0.3064, 0.3656



38.8822, 0.2637, 0.2994



38.8822, 0.3174, 0.2960

Rectangle

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



38.8822, 0.3642, 0.3558



38.8822, 0.3405, 0.3752



38.8822, 0.2637, 0.2994



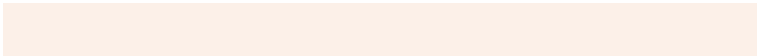
38.8822, 0.2843, 0.2857

Sweetspot

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



38.8840, 0.3642, 0.3558



88.8705, 0.3258, 0.3366



33.5919, 0.3350, 0.2852



19.1112, 0.3285, 0.3380



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



38.8840, 0.3642, 0.3558



65.2382, 0.3791, 0.3622



48.9049, 0.3557, 0.3882



10.6873, 0.3280, 0.3377



10.8432, 0.5741, 0.3824



0.6015, 0.5321, 0.4157

Inverse Universe

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



39.8203, 0.2706, 0.3005



67.2139, 0.2611, 0.2930



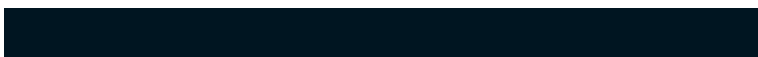
30.7520, 0.2668, 0.2620



10.7685, 0.2984, 0.3201



11.6712, 0.1894, 0.2017



0.6335, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 38.8822, 0.3642, 0.3558 looks on a white background.

Color Contrast Check

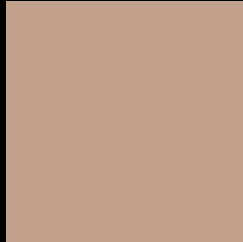
Large Text (above 18pt) WCAG AA × Fail

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 38.8822, 0.3642, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

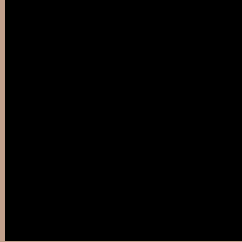
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8822, 0.3642, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 38.8822, 0.3642, 0.3558.



This preview shows how white text looks on a background with the Yxy color 38.8822, 0.3642, 0.3558.

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

38.8822, 0.3642, 0.3558

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

38.7503, 0.3632, 0.3559



Tritanopia

38.8488, 0.3410, 0.3135

Trichromacy



Original Color

38.8822, 0.3642, 0.3558

Protanomaly

38.9607, 0.3500, 0.3594

Deuteranomaly

38.7503, 0.3632, 0.3559

Tritanomaly

38.6927, 0.3495, 0.3278

Monochromacy



Original Color

38.8822, 0.3642, 0.3558

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2406, 0.3302, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8822, 0.3642, 0.3558 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(194, 161, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 141)  
}
```

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(194, 161, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.8822, 0.3642, 0.3558 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(194, 161, 141) }
```

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

```
.border{ border-color:rgb(194, 161, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8822, 0.3642, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 141) }
```

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

```
.background{ background-color: rgb(194,  
161, 141) }
```

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