

Converting Colors

$Yxy(38.9304, 0.3660, 0.3595)$

Have a look what the booklet for
Yxy(38.9304, 0.3660, 0.3595)
contains.

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Color

Yxy(38.8232, 0.3661, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	C2A18B
RGB	194, 161, 139
RGB Percent	76%, 63%, 55%
CMY	0.2393, 0.3686, 0.4550
CMYK	0.00, 0.17, 0.28, 0.24
HSL	24°, 31%, 65%
HSV	24°, 28%, 76%
XYZ	39.6462, 38.8232, 29.8240
YIQ	168.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

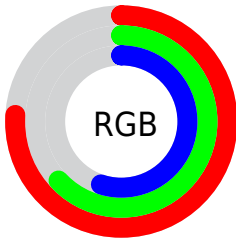
Format	Color
RYB	194, 176, 139
Decimal	12755339
CIELab	68.62, 8.83, 16.01
CIELCh	69, 18.289, 61.123
Yxy	38.8232, 0.3661, 0.3585
Android (android.graphics.Color)	4290945419 (0xFFC2A18B)
YUV	168.3590, -14.4740, 22.4872
Hunter-Lab	62.3083, 4.5386, 15.2365

Details

The Yxy color **38.8232, 0.3661, 0.3585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8618, 0.2688, 0.2974**, and the grayscale version is **39.4054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4712, 0.3553, 0.3529**, and **17.2340, 0.3836, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **34.4312, 0.3907, 0.3694**, and if you desaturate by 10%, it is **43.6972, 0.3447, 0.3477**.

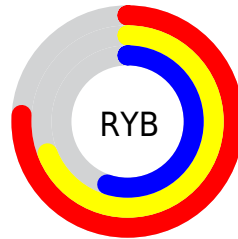
Distribution



Red (76%)

Green (63%)

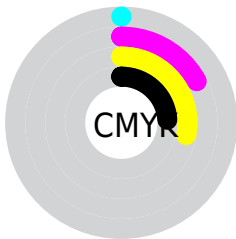
Blue (55%)



Red (76%)

Yellow (69%)

Blue (55%)

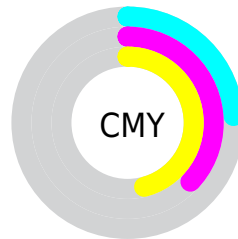


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8232, 0.3661, 0.3585 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 38.8232, 0.3661, 0.3585 by changing the saturation by 10% instead.

 38.8232, 0.3661,
0.3585


 38.8232, 0.3661,
0.3585


341.1382, 0.3384,
0.3438


 26.6222, 0.3733,
0.3621


 73.3682, 0.3558,
0.3532

 17.2897, 0.3827,
0.3667


 96.4809, 0.3520,
0.3512

 10.4413, 0.3955,
0.3726


 123.9997, 0.3489,
0.3495

 5.6925, 0.4138,
0.3805

156.3090, 0.3461,
0.3480

 2.6590, 0.4419,
0.3912

193.7930, 0.3438,
0.3468

 0.9564, 0.5471,
0.4529

236.8363, 0.3418,

 0.0000, 1.0000,

0.3457

0.0000

285.8233, 0.3400,
0.3447

0.0000, 0.0000,
0.0000

38.8232, 0.3661,
0.3585

38.8232, 0.3661,
0.3585

34.4312, 0.3907,
0.3694

43.6972, 0.3447,
0.3477

30.5001, 0.4184,
0.3797

49.0625, 0.3261,
0.3372

27.0153, 0.4487,
0.3886

54.9349, 0.3103,
0.3274

23.9592, 0.4807,
0.3948

61.3281, 0.2966,
0.3183

21.3126, 0.5124,
0.3971

68.2549, 0.2849,
0.3100

■ 19.0546, 0.5415,
0.3945

■ 75.7042, 0.2751,
0.3027

■ 17.1584, 0.5661,
0.3870

■ 82.4199, 0.2762,
0.3154

■ 16.8754, 0.5700,
0.3856

■ 89.5756, 0.2772,
0.3279

■ 90.2052, 0.2773,
0.3289

Harmonies

Analogous

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



38.8232, 0.3632, 0.3368



38.8232, 0.3661, 0.3585



38.8232, 0.3541, 0.3737

Triad

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



38.8232, 0.3661, 0.3585



38.8232, 0.2798, 0.3435



38.8232, 0.2928, 0.2853

Complementary

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



38.8232, 0.3661, 0.3585



38.8618, 0.2688, 0.2974

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.



38.8232, 0.2720, 0.2853



38.8232, 0.3661, 0.3585



38.8232, 0.2647, 0.3177

Square

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



38.8232, 0.3661, 0.3585



38.8232, 0.3039, 0.3658



38.8232, 0.2619, 0.2966



38.8232, 0.3199, 0.2959

Rectangle

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



38.8232, 0.3661, 0.3585



38.8232, 0.3396, 0.3774



38.8232, 0.2619, 0.2966



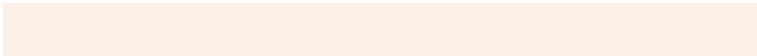
38.8232, 0.2849, 0.2841

Sweetspot

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



38.8250, 0.3661, 0.3585



88.1135, 0.3275, 0.3380



32.9037, 0.3380, 0.2858



18.9698, 0.3301, 0.3396



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.



38.8250, 0.3661, 0.3585



65.3345, 0.3809, 0.3653



49.4964, 0.3568, 0.3926



10.7255, 0.3279, 0.3383



11.2502, 0.5677, 0.3875



0.6210, 0.5270, 0.4198

Inverse Universe

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



38.8618, 0.2688, 0.2974



65.4018, 0.2592, 0.2894



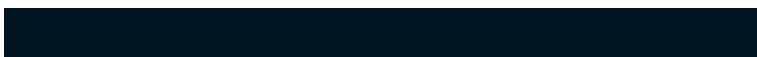
29.4747, 0.2646, 0.2563



10.7292, 0.2984, 0.3196



10.9766, 0.1871, 0.1936



0.6062, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 38.8232, 0.3661, 0.3585 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 38.8232, 0.3661, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

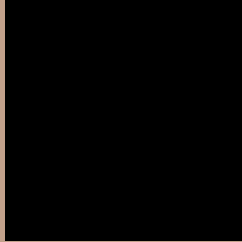
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8232, 0.3661, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 38.8232, 0.3661, 0.3585.



This preview shows how white text looks on a background with the Yxy color 38.8232, 0.3661, 0.3585.

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

38.8232, 0.3661, 0.3585

Protanopia

38.8205, 0.3435, 0.3642

Deuteranopia

38.8232, 0.3661, 0.3585



Tritanopia

38.8488, 0.3410, 0.3135

Trichromacy



Original Color

38.8232, 0.3661, 0.3585

Protanomaly

38.9006, 0.3518, 0.3622

Deuteranomaly

38.8232, 0.3661, 0.3585

Tritanomaly

38.6581, 0.3504, 0.3291

Monochromacy



Original Color

38.8232, 0.3661, 0.3585

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6917, 0.3312, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8232, 0.3661, 0.3585 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.8232, 0.3661, 0.3585 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, 139) }
```

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

```
.border{ border-color:rgb(194, 161, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 161, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 161, 139); box-shadow:4px 4px 4px 4px rgb(194, 161, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8232, 0.3661, 0.3585 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, 139) }
```

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

```
.background{ background-color: rgb(194,  
161, 139) }
```

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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