

Converting Colors

$Y_{xy}(38.6580, 0.3610, 0.3570)$

Have a look what the booklet for
Yxy(38.6580, 0.3610, 0.3570)
contains.

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Color

Yxy(38.8401, 0.3608, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	BFA28D
RGB	191, 162, 141
RGB Percent	75%, 64%, 55%
CMY	0.2511, 0.3647, 0.4471
CMYK	0.00, 0.15, 0.26, 0.25
HSL	25°, 28%, 65%
HSV	25°, 26%, 75%
XYZ	39.2096, 38.8401, 30.6243
YIQ	168.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

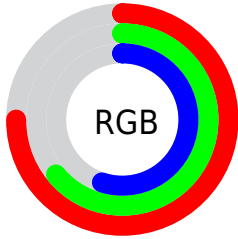
Format	Color
R _Y B	191, 177, 141
Decimal	12558989
CIE Lab	68.64, 7.40, 14.88
CIE LCh	69, 16.624, 63.557
Yxy	38.8401, 0.3608, 0.3574
Android (android.graphics.Color)	4290749069 (0xFFBFA28D)
YUV	168.2770, -13.4476, 19.9281
Hunter-Lab	62.3218, 3.2395, 14.4907

Details

The Yxy color **38.8401, 0.3608, 0.3574** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1556, 0.2721, 0.2987**, and the grayscale version is **39.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5223, 0.3513, 0.3520**, and **17.2256, 0.3760, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **34.5924, 0.3843, 0.3688**, and if you desaturate by 10%, it is **43.5326, 0.3402, 0.3461**.

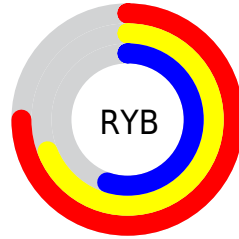
Distribution



Red (75%)

Green (64%)

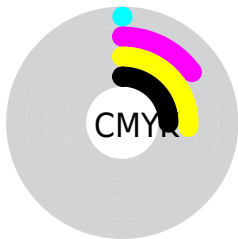
Blue (55%)



Red (75%)

Yellow (69%)

Blue (55%)

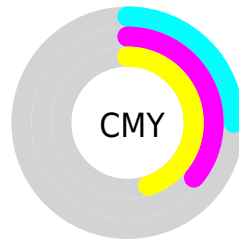


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8401, 0.3608, 0.3574 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 38.8401, 0.3608, 0.3574 by changing the saturation by 10% instead.


 38.8401, 0.3608,
0.3574


 38.8401, 0.3608,
0.3574


341.2102, 0.3359,
0.3432


 26.6354, 0.3673,
0.3609


 73.3940, 0.3515,
0.3522

 17.2996, 0.3758,
0.3654


 96.5119, 0.3481,
0.3503

 10.4483, 0.3873,
0.3713


 124.0364, 0.3453,
0.3487

 5.6972, 0.4038,
0.3794

156.3517, 0.3428,
0.3472

 2.6618, 0.4293,
0.3907

193.8424, 0.3407,
0.3460

 0.9579, 0.5377,
0.4622

236.8928, 0.3389,

 0.0000, 1.0000,

0.3450

0.0000

285.8872, 0.3373,
0.3440

0.0000, 0.0000,
0.0000

38.8401, 0.3608,
0.3574

38.8401, 0.3608,
0.3574

34.5924, 0.3843,
0.3688

43.5326, 0.3402,
0.3461

30.7702, 0.4108,
0.3798

48.6776, 0.3225,
0.3353

27.3608, 0.4399,
0.3896

54.2895, 0.3071,
0.3252

24.3484, 0.4707,
0.3970

60.3803, 0.2939,
0.3158

21.7163, 0.5017,
0.4007

66.9615, 0.2826,
0.3072

■ 19.4459, 0.5306,
0.3996

■ 74.0072, 0.2731,
0.2999

■ 17.5161, 0.5554,
0.3933

■ 80.3069, 0.2742,
0.3122

■ 16.8580, 0.5642,
0.3902

■ 87.0036, 0.2753,
0.3242

■ 89.8140, 0.2757,
0.3289

Harmonies

Analogous

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



38.8401, 0.3592, 0.3380



38.8401, 0.3608, 0.3574



38.8401, 0.3490, 0.3703

Triad

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



38.8401, 0.3608, 0.3574



38.8401, 0.2813, 0.3403



38.8401, 0.2966, 0.2896

Complementary

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



38.8401, 0.3608, 0.3574



38.1556, 0.2721, 0.2987

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.



38.8401, 0.2768, 0.2888



38.8401, 0.3608, 0.3574



38.8401, 0.2683, 0.3171

Square

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



38.8401, 0.3608, 0.3574



38.8401, 0.3028, 0.3610



38.8401, 0.2667, 0.2984



38.8401, 0.3214, 0.2999

Rectangle

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



38.8401, 0.3608, 0.3574



38.8401, 0.3354, 0.3729



38.8401, 0.2667, 0.2984



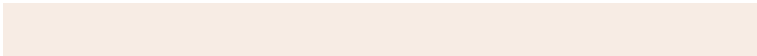
38.8401, 0.2891, 0.2882

Sweetspot

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



38.8419, 0.3608, 0.3574



85.3391, 0.3257, 0.3374



33.0281, 0.3364, 0.2903



18.4248, 0.3283, 0.3390



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.



38.8419, 0.3608, 0.3574



65.4392, 0.3729, 0.3635



48.4591, 0.3530, 0.3886



10.1780, 0.3278, 0.3387



11.2331, 0.5619, 0.3921



0.5696, 0.5196, 0.4256

Inverse Universe

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



38.1556, 0.2721, 0.2987



64.0113, 0.2638, 0.2916



29.7203, 0.2686, 0.2615



10.1187, 0.2984, 0.3191



10.0591, 0.1852, 0.1868



0.5208, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 38.8401, 0.3608, 0.3574 looks on a white background.

Color Contrast Check

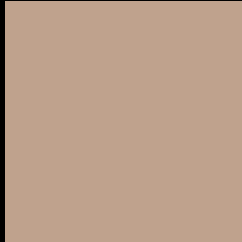
Large Text (above 18pt) WCAG AA × Fail

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 38.8401, 0.3608, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

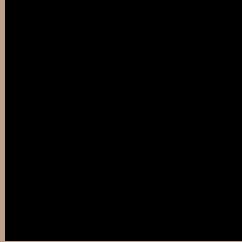
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8401, 0.3608, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 38.8401, 0.3608, 0.3574.



This preview shows how white text looks on a background with the Yxy color 38.8401, 0.3608, 0.3574.

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

38.8401, 0.3608, 0.3574

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

38.7503, 0.3632, 0.3559



Tritanopia

38.8253, 0.3369, 0.3134

Trichromacy



Original Color

38.8401, 0.3608, 0.3574

Protanomaly

38.7172, 0.3480, 0.3596

Deuteranomaly

38.6193, 0.3622, 0.3560

Tritanomaly

38.6369, 0.3462, 0.3291

Monochromacy



Original Color

38.8401, 0.3608, 0.3574

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9712, 0.3292, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8401, 0.3608, 0.3574 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, 162, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 162, 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(191, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 162, 141) }
```

Border

The CSS property to change the border of an element to Yxy 38.8401, 0.3608, 0.3574 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, 162, 141) }
```

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

```
.border{ border-color:rgb(191, 162, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 162, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 162, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 162,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8401, 0.3608, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 162, 141) }
```

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

```
.background{ background-color: rgb(191,  
162, 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](#).

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