

Converting Colors

$Yxy(38.5251, 0.3747, 0.3728)$

Have a look what the booklet for
Yxy(38.5251, 0.3747, 0.3728)
contains.

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Color

Yxy(38.4122, 0.3748, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	C1A181
RGB	193, 161, 129
RGB Percent	76%, 63%, 51%
CMY	0.2431, 0.3686, 0.4941
CMYK	0.00, 0.17, 0.33, 0.24
HSL	30°, 34%, 63%
HSV	30°, 33%, 76%
XYZ	38.7013, 38.4122, 26.1451
YIQ	166.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

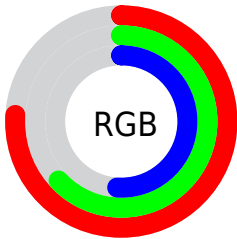
Format	Color
RYB	193, 193, 129
Decimal	12689793
CIELab	68.32, 7.13, 21.07
CIElCh	68, 22.249, 71.303
Yxy	38.4122, 0.3748, 0.3720
Android (android.graphics.Color)	4290879873 (0xFFC1A181)
YUV	166.9200, -18.6946, 22.8722
Hunter-Lab	61.9776, 3.0019, 18.3730

Details

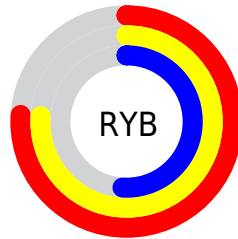
The Yxy color **38.4122, 0.3748, 0.3720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0121, 0.2602, 0.2815**, and the grayscale version is **38.6860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8131, 0.3626, 0.3646**, and **17.1343, 0.3924, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **34.7039, 0.3987, 0.3852**, and if you desaturate by 10%, it is **42.4815, 0.3533, 0.3586**.

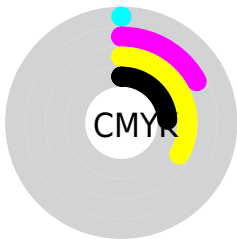
Distribution



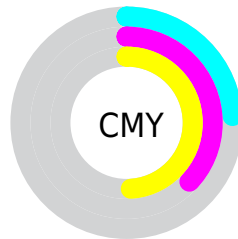
- Red (76%)
- Green (63%)
- Blue (51%)



- Red (76%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (24%)




- Cyan (24%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4122, 0.3748, 0.3720 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 38.4122, 0.3748, 0.3720 by changing the saturation by 10% instead.


 38.4122, 0.3748,
0.3720


 38.4122, 0.3748,
0.3720


339.3849, 0.3427,
0.3505


 26.3028, 0.3831,
0.3773


 72.7395, 0.3629,
0.3642

 17.0503, 0.3939,
0.3840


 95.7261, 0.3585,
0.3613

 10.2703, 0.4084,
0.3926


 123.1073, 0.3548,
0.3588

 5.5786, 0.4287,
0.4041

155.2674, 0.3517,
0.3567

 2.5906, 0.4602,
0.4204

192.5908, 0.3490,
0.3548

 0.9219, 0.5366,
0.4634

235.4620, 0.3466,

 0.0000, 0.0000,

0.3532

0.0000

284.2652, 0.3445,
0.3517

■ 38.4122, 0.3748,
0.3720

■ 38.4122, 0.3748,
0.3720

■ 34.7039, 0.3987,
0.3852

■ 42.4815, 0.3533,
0.3586

■ 31.3398, 0.4245,
0.3973

■ 46.9171, 0.3343,
0.3454

■ 28.3098, 0.4518,
0.4074

■ 51.7309, 0.3175,
0.3328

■ 25.6007, 0.4791,
0.4141

■ 56.9328, 0.3029,
0.3210

■ 23.1983, 0.5049,
0.4162

■ 62.5319, 0.2902,
0.3101

■ 21.0865, 0.5274,
0.4130

■ 68.5373, 0.2791,
0.3001

■ 19.7936, 0.5412,
0.4085

■ 74.3568, 0.2743,
0.3002

■ 79.8341, 0.2752,
0.3109

■ 85.6128, 0.2761,
0.3213

Harmonies

Analogous

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



38.4122, 0.3778, 0.3474



38.4122, 0.3748, 0.3720



38.4122, 0.3546, 0.3868

Triad

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



38.4122, 0.3748, 0.3720



38.4122, 0.2650, 0.3357



38.4122, 0.2990, 0.2794

Complementary

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



38.4122, 0.3748, 0.3720



34.0121, 0.2602, 0.2815

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.



38.4122, 0.2705, 0.2746



38.4122, 0.3748, 0.3720



38.4122, 0.2517, 0.3050

Square

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



38.4122, 0.3748, 0.3720



38.4122, 0.2909, 0.3662



38.4122, 0.2537, 0.2833



38.4122, 0.3328, 0.2956

Rectangle

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



38.4122, 0.3748, 0.3720



38.4122, 0.3346, 0.3879



38.4122, 0.2537, 0.2833



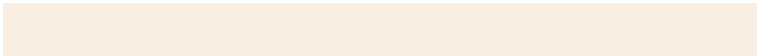
38.4122, 0.2886, 0.2764

Sweetspot

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



38.4140, 0.3748, 0.3720



86.5389, 0.3290, 0.3415



29.6519, 0.3496, 0.2850



18.3092, 0.3315, 0.3433



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.



38.4140, 0.3748, 0.3720



63.7734, 0.3924, 0.3819



50.5969, 0.3625, 0.4095



10.8911, 0.3277, 0.3405



13.3239, 0.5392, 0.4101



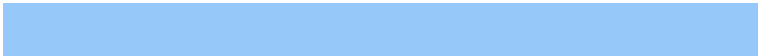
0.7136, 0.5055, 0.4368

Inverse Universe

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



34.0121, 0.2602, 0.2815



54.6494, 0.2481, 0.2688



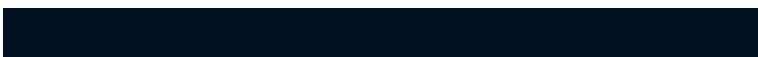
24.5029, 0.2541, 0.2335



10.5615, 0.2984, 0.3172



8.3478, 0.1777, 0.1595



0.4986, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 38.4122, 0.3748, 0.3720 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 38.4122, 0.3748, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

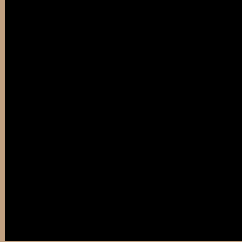
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4122, 0.3748, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 38.4122, 0.3748, 0.3720.



This preview shows how white text looks on a background with the Yxy color 38.4122, 0.3748, 0.3720.

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

38.4122, 0.3748, 0.3720

Protanopia

38.2855, 0.3539, 0.3770

Deuteranopia

38.3287, 0.3773, 0.3704



Tritanopia

38.4744, 0.3421, 0.3135

Trichromacy



Original Color

38.4122, 0.3748, 0.3720

Protanomaly

38.2569, 0.3615, 0.3748

Deuteranomaly

38.1959, 0.3762, 0.3706

Tritanomaly

38.5226, 0.3544, 0.3344

Monochromacy



Original Color

38.4122, 0.3748, 0.3720

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4403, 0.3339, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4122, 0.3748, 0.3720 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(193, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 129)  
}
```

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(193, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 129) }
```

Border

The CSS property to change the border of an element to Yxy 38.4122, 0.3748, 0.3720 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(193, 161, 129) }
```

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

```
.border{ border-color:rgb(193, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(193, 161,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4122, 0.3748, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 129) }
```

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

```
.background{ background-color: rgb(193,  
161, 129) }
```

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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