

Converting Colors

$Yxy(38.8929, 0.3888, 0.3687)$

Have a look what the booklet for
Yxy(38.8929, 0.3888, 0.3687)
contains.

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Color

Yxy(38.8234, 0.3894, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	CC9E7F
RGB	204, 158, 127
RGB Percent	80%, 62%, 50%
CMY	0.2000, 0.3804, 0.5021
CMYK	0.00, 0.23, 0.38, 0.20
HSL	24°, 43%, 65%
HSV	24°, 38%, 80%
XYZ	40.9586, 38.8234, 25.4019
YIQ	168.2200, 37.3670, 0.1110

Conversions

Conversions Part 2

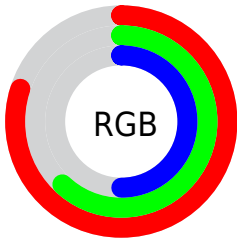
Format	Color
R_{YB}	204, 179, 127
Decimal	13409919
CIE _{Lab}	68.62, 12.91, 22.78
CIE _{LCh}	69, 26.184, 60.461
Yxy	38.8234, 0.3894, 0.3691
Android (android.graphics.Color)	4291599999 (0xFFCC9E7F)
YUV	168.2200, -20.3215, 31.3791
Hunter-Lab	62.3084, 8.2978, 19.4445

Details

The Yxy color **38.8234, 0.3894, 0.3691** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.7435, 0.2541, 0.2846**, and the grayscale version is **39.3596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1438, 0.3688, 0.3632**, and **17.3613, 0.4117, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **34.3943, 0.4170, 0.3796**, and if you desaturate by 10%, it is **43.7758, 0.3649, 0.3581**.

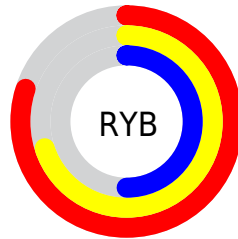
Distribution



Red (80%)

Green (62%)

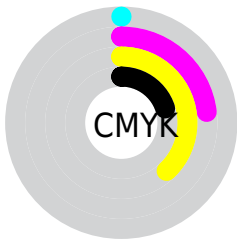
Blue (50%)



Red (80%)

Yellow (70%)

Blue (50%)

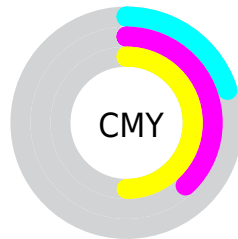


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8234, 0.3894, 0.3691 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 38.8234, 0.3894, 0.3691 by changing the saturation by 10% instead.


 38.8234, 0.3894,
0.3691


 38.8234, 0.3894,
0.3691


341.1391, 0.3497,
0.3496


 26.6224, 0.3996,
0.3736


 73.3685, 0.3747,
0.3622

 17.2898, 0.4129,
0.3792


 96.4813, 0.3693,
0.3596

 10.4413, 0.4307,
0.3861


 124.0001, 0.3647,
0.3573

 5.6925, 0.4557,
0.3945

156.3095, 0.3608,
0.3554

 2.6590, 0.4947,
0.4058

193.7936, 0.3575,
0.3537

 0.9564, 0.5729,
0.4271

236.8370, 0.3545,

 0.0000, 1.0000,

0.3522

0.0000

285.8240, 0.3520,
0.3508

0.0000, 0.0000,
0.0000

38.8234, 0.3894,
0.3691

38.8234, 0.3894,
0.3691

34.3943, 0.4170,
0.3796

43.7758, 0.3649,
0.3581

30.4645, 0.4473,
0.3886

49.2634, 0.3436,
0.3472

27.0161, 0.4792,
0.3950

55.3046, 0.3252,
0.3367


24.0278, 0.5110,
0.3975


61.9151, 0.3094,
0.3269

21.4761, 0.5402,
0.3951

69.1101, 0.2958,
0.3177

 19.3324, 0.5648,
0.3876

 76.9041, 0.2842,
0.3093

 18.9020, 0.5700,
0.3857

 84.3228, 0.2819,
0.3166

 91.5780, 0.2827,
0.3289

Harmonies

Analogous

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



38.8234, 0.3850, 0.3383



38.8234, 0.3894, 0.3691



38.8234, 0.3720, 0.3921

Triad

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



38.8234, 0.3894, 0.3691



38.8234, 0.2664, 0.3504



38.8234, 0.2833, 0.2678

Complementary

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



38.8234, 0.3894, 0.3691



38.7435, 0.2541, 0.2846

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.



38.8234, 0.2547, 0.2675



38.8234, 0.3894, 0.3691



38.8234, 0.2453, 0.3126

Square

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



38.8234, 0.3894, 0.3691



38.8234, 0.3003, 0.3834



38.8234, 0.2413, 0.2828



38.8234, 0.3216, 0.2822

Rectangle

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



38.8234, 0.3894, 0.3691



38.8234, 0.3512, 0.3988



38.8234, 0.2413, 0.2828



38.8234, 0.2723, 0.2660

Sweetspot

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



38.8252, 0.3894, 0.3691



88.0989, 0.3311, 0.3402



31.0328, 0.3495, 0.2708



18.5601, 0.3336, 0.3416



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.



38.8252, 0.3894, 0.3691



58.4826, 0.4107, 0.3774



53.9852, 0.3721, 0.4138



11.9433, 0.3280, 0.3384



12.0684, 0.5675, 0.3876



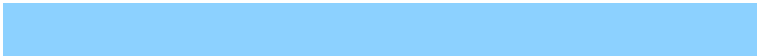
0.7702, 0.5319, 0.4158

Inverse Universe

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



38.7435, 0.2541, 0.2846



58.3037, 0.2424, 0.2736



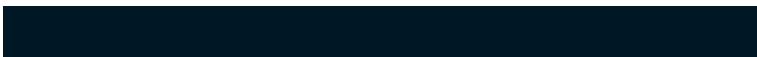
26.1057, 0.2457, 0.2269



11.9392, 0.2983, 0.3194



11.6617, 0.1868, 0.1925



0.7480, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 38.8234, 0.3894, 0.3691 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 38.8234, 0.3894, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

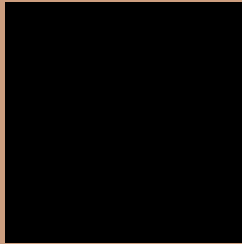
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8234, 0.3894, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 38.8234, 0.3894, 0.3691.



This preview shows how white text looks on a background with the Yxy color 38.8234, 0.3894, 0.3691.

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

38.8234, 0.3894, 0.3691

Protanopia

38.8598, 0.3565, 0.3794

Deuteranopia

38.8664, 0.3818, 0.3753



Tritanopia

38.9090, 0.3568, 0.3141

Trichromacy



Original Color

38.8234, 0.3894, 0.3691

Protanomaly

38.8540, 0.3675, 0.3754

Deuteranomaly

38.9273, 0.3853, 0.3735

Tritanomaly

38.9425, 0.3694, 0.3342

Monochromacy



Original Color

38.8234, 0.3894, 0.3691

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6746, 0.3390, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8234, 0.3894, 0.3691 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(204, 158, 127)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 127)  
}
```

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(204, 158, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 127) }
```

Border

The CSS property to change the border of an element to Yxy 38.8234, 0.3894, 0.3691 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(204, 158, 127) }
```

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

```
.border{ border-color:rgb(204, 158, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8234, 0.3894, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 127) }
```

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

```
.background{ background-color: rgb(204,  
158, 127) }
```

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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