

Converting Colors

Yxy(38.4388, 0.3967, 0.3485)

Have a look what the booklet for
Yxy(38.4388, 0.3967, 0.3485)
contains.

Yxy(38.4814, 0.3968, 0.3489)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4814, 0.3968, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	D89787
RGB	216, 151, 135
RGB Percent	85%, 59%, 53%
CMY	0.1529, 0.4079, 0.4705
CMYK	0.00, 0.30, 0.37, 0.15
HSL	12°, 51%, 69%
HSV	12°, 37%, 85%
XYZ	43.7645, 38.4814, 28.0476
YIQ	168.6110, 43.8760, 8.8040

Conversions

Conversions Part 2

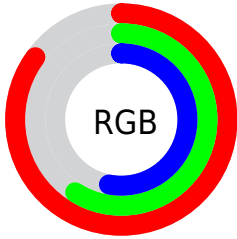
Format	Color
R _Y B	216, 155, 135
Decimal	14194567
CIE Lab	68.37, 22.42, 18.22
CIE LCh	68, 28.886, 39.098
Yxy	38.4814, 0.3968, 0.3489
Android (android.graphics.Color)	4292384647 (0xFFD89787)
YUV	168.6110, -16.5702, 41.5602
Hunter-Lab	62.0334, 17.3731, 16.6161

Details

The Yxy color **38.4814, 0.3968, 0.3489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4401, 0.2576, 0.3078**, and the grayscale version is **39.5428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0335, 0.3647, 0.3478**, and **17.1411, 0.4229, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **32.7582, 0.4302, 0.3540**, and if you desaturate by 10%, it is **45.1527, 0.3684, 0.3434**.

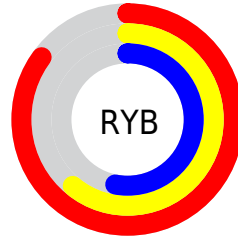
Distribution



Red (85%)

Green (59%)

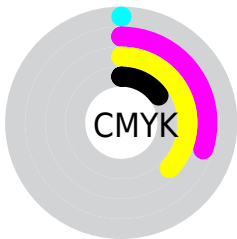
Blue (53%)



Red (85%)

Yellow (61%)

Blue (53%)

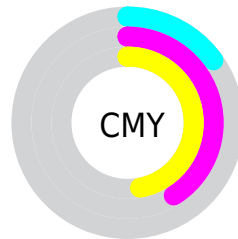


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4814, 0.3968, 0.3489 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 38.4814, 0.3968, 0.3489 by changing the saturation by 10% instead.


 38.4814, 0.3968,
0.3489


 38.4814, 0.3968,
0.3489


339.6806, 0.3530,
0.3401

 26.3565, 0.4082,
0.3507


 72.8454, 0.3805,
0.3460

 17.0906, 0.4231,
0.3526


 95.8533, 0.3745,
0.3448

 10.2991, 0.4434,
0.3547


 123.2577, 0.3695,
0.3438

 5.5977, 0.4722,
0.3563

155.4430, 0.3652,
0.3428

 2.6020, 0.5158,
0.3556

192.7935, 0.3615,
0.3420

 0.9277, 0.6293,
0.3707

235.6937, 0.3583,

 0.0000, 1.0000,

0.3413

0.0000


284.5279, 0.3555,
0.3406

 0.0000, 0.0000,
0.0000

 38.4814, 0.3968,
0.3489


 38.4814, 0.3968,
0.3489


 32.7582, 0.4302,
0.3540


 45.1527, 0.3684,
0.3434


 27.9344, 0.4683,
0.3581


 52.8070, 0.3448,
0.3379


 23.9652, 0.5095,
0.3602

 61.4842, 0.3251,
0.3327

 20.7996, 0.5507,
0.3595

 71.2203, 0.3090,
0.3278

 18.3809, 0.5871,
0.3553

 82.0494, 0.2956,
0.3234

■ 16.6430, 0.6140,
0.3479

■ 93.3424, 0.2894,
0.3289

■ 16.3020, 0.6196,
0.3462

Harmonies

Analogous

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



38.4814, 0.3747, 0.3143



38.4814, 0.3968, 0.3489



38.4814, 0.3942, 0.3814

Triad

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



38.4814, 0.3968, 0.3489



38.4814, 0.2870, 0.3806



38.4814, 0.2563, 0.2598

Complementary

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



38.4814, 0.3968, 0.3489



51.4401, 0.2576, 0.3078

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.



38.4814, 0.2366, 0.2713



38.4814, 0.3968, 0.3489



38.4814, 0.2532, 0.3403

Square

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



38.4814, 0.3968, 0.3489



38.4814, 0.3293, 0.4042



38.4814, 0.2354, 0.2997



38.4814, 0.2916, 0.2649

Rectangle

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



38.4814, 0.3968, 0.3489



38.4814, 0.3794, 0.3977



38.4814, 0.2354, 0.2997



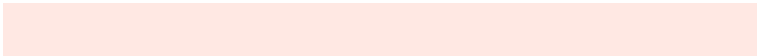
38.4814, 0.2478, 0.2617

Sweetspot

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



38.4833, 0.3968, 0.3489



84.7888, 0.3318, 0.3345



36.1596, 0.3313, 0.2519



17.7751, 0.3344, 0.3353



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.



38.4833, 0.3968, 0.3489



49.3142, 0.4228, 0.3530



53.3396, 0.3791, 0.3949



12.8134, 0.3286, 0.3337



9.7681, 0.6173, 0.3480



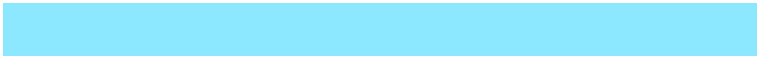
0.7068, 0.5844, 0.3742

Inverse Universe

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



51.4401, 0.2576, 0.3078



70.7364, 0.2475, 0.3025



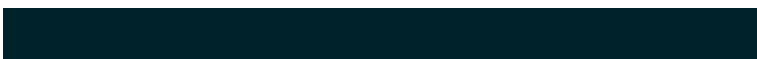
35.4848, 0.2496, 0.2525



13.6722, 0.2983, 0.3243



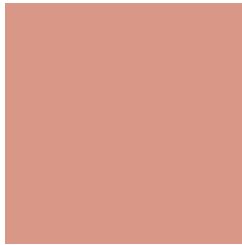
20.8685, 0.2069, 0.2648



1.3673, 0.2103, 0.2771

Previews

White Background



This preview shows how the Yxy color 38.4814, 0.3968, 0.3489 looks on a white background.

Color Contrast Check

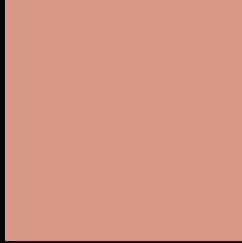
Large Text (above 18pt) WCAG AA × Fail

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 38.4814, 0.3968, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

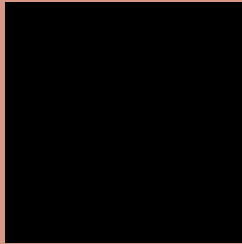
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4814, 0.3968, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 38.4814, 0.3968, 0.3489.



This preview shows how white text looks on a background with the Yxy color 38.4814, 0.3968, 0.3489.

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

38.4814, 0.3968, 0.3489

Protanopia

38.8507, 0.3425, 0.3628

Deuteranopia

38.4372, 0.3734, 0.3651



Tritanopia

38.5884, 0.3745, 0.3158

Trichromacy



Original Color

38.4814, 0.3968, 0.3489

Protanomaly

38.4596, 0.3621, 0.3574

Deuteranomaly

38.5317, 0.3818, 0.3589

Tritanomaly

38.4486, 0.3827, 0.3280

Monochromacy



Original Color

38.4814, 0.3968, 0.3489

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7141, 0.3406, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4814, 0.3968, 0.3489 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(216, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(216, 151, 135)  
}
```

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(216, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 151, 135) }
```

Border

The CSS property to change the border of an element to Yxy 38.4814, 0.3968, 0.3489 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(216, 151, 135) }
```

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

```
.border{ border-color:rgb(216, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 151, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 151, 135); box-shadow:4px 4px 4px 4px rgb(216, 151, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4814, 0.3968, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 151, 135) }
```

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

```
.background{ background-color: rgb(216,  
151, 135) }
```

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