

Converting Colors

$Yxy(38.2228, 0.3668, 0.3480)$

Have a look what the booklet for
Yxy(38.2228, 0.3668, 0.3480)
contains.

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Color

Yxy(38.4427, 0.3673, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	C69E8F
RGB	198, 158, 143
RGB Percent	78%, 62%, 56%
CMY	0.2236, 0.3803, 0.4392
CMYK	0.00, 0.20, 0.28, 0.22
HSL	16°, 33%, 67%
HSV	16°, 28%, 78%
XYZ	40.4701, 38.4427, 31.2698
YIQ	168.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

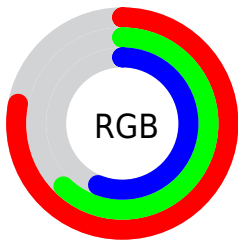
Format	Color
R _Y B	198, 164, 143
Decimal	13016719
CIE Lab	68.35, 12.60, 13.47
CIE LCh	68, 18.443, 46.918
Yxy	38.4427, 0.3673, 0.3489
Android (android.graphics.Color)	4291206799 (0xFFC69E8F)
YUV	168.2500, -12.4482, 26.0908
Hunter-Lab	62.0022, 8.0067, 13.4996

Details

The Yxy color **38.4427, 0.3673, 0.3489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7680, 0.2706, 0.3081**, and the grayscale version is **39.3391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8797, 0.3561, 0.3455**, and **17.1453, 0.3835, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **33.2705, 0.3941, 0.3564**, and if you desaturate by 10%, it is **44.2993, 0.3446, 0.3414**.

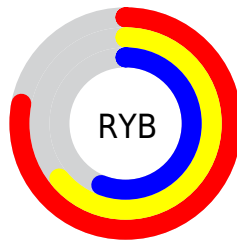
Distribution



Red (78%)

Green (62%)

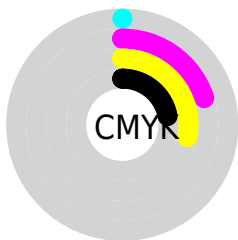
Blue (56%)



Red (78%)

Yellow (64%)

Blue (56%)

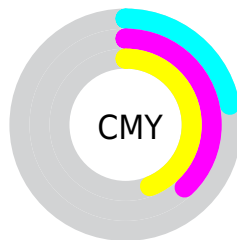


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4427, 0.3673, 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 38.4427, 0.3673, 0.3489 by changing the saturation by 10% instead.


 38.4427, 0.3673,
0.3489


 38.4427, 0.3673,
0.3489


339.5152, 0.3389,
0.3392

 26.3265, 0.3747,
0.3512


 72.7862, 0.3567,
0.3455

 17.0680, 0.3845,
0.3541


 95.7822, 0.3528,
0.3441

 10.2830, 0.3978,
0.3577


123.1736, 0.3496,
0.3430

 5.5870, 0.4171,
0.3623

155.3448, 0.3468,
0.3420

 2.5956, 0.4471,
0.3681

192.6802, 0.3444,
0.3412

 0.9245, 0.5553,
0.4158

235.5641, 0.3423,

 0.0000, 1.0000,

0.3405

0.0000

284.3810, 0.3405,
0.3398

0.0000, 0.0000,
0.0000

38.4427, 0.3673,
0.3489

38.4427, 0.3673,
0.3489

33.2705, 0.3941,
0.3564

44.2993, 0.3446,
0.3414

28.7521, 0.4252,
0.3635

50.8588, 0.3254,
0.3343

24.8623, 0.4603,
0.3693

58.1460, 0.3094,
0.3276

21.5722, 0.4980,
0.3729

66.1824, 0.2959,
0.3214

18.8503, 0.5359,
0.3732

74.9889, 0.2846,
0.3158

■ 16.6622, 0.5703,
0.3691

■ 84.1408, 0.2786,
0.3176

■ 14.9670, 0.5978,
0.3610

■ 90.7438, 0.2794,
0.3289

■ 14.6492, 0.6033,
0.3592

Harmonies

Analogous

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



38.4427, 0.3571, 0.3259



38.4427, 0.3673, 0.3489



38.4427, 0.3621, 0.3681

Triad

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



38.4427, 0.3673, 0.3489



38.4427, 0.2901, 0.3553



38.4427, 0.2815, 0.2834

Complementary

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



38.4427, 0.3673, 0.3489



43.7680, 0.2706, 0.3081

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.



38.4427, 0.2652, 0.2888



38.4427, 0.3673, 0.3489



38.4427, 0.2700, 0.3298

Square

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



38.4427, 0.3673, 0.3489



38.4427, 0.3169, 0.3734



38.4427, 0.2611, 0.3053



38.4427, 0.3066, 0.2893

Rectangle

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



38.4427, 0.3673, 0.3489



38.4427, 0.3508, 0.3759



38.4427, 0.2611, 0.3053



38.4427, 0.2748, 0.2839

Sweetspot

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



38.4445, 0.3673, 0.3489



89.6564, 0.3260, 0.3345



35.0784, 0.3300, 0.2777



18.7942, 0.3288, 0.3356



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.



38.4445, 0.3673, 0.3489



62.7042, 0.3821, 0.3532



48.7490, 0.3582, 0.3828



11.1005, 0.3283, 0.3354



9.6521, 0.6010, 0.3610



0.5814, 0.5586, 0.3946

Inverse Universe

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



43.7680, 0.2706, 0.3081



73.5835, 0.2623, 0.3032



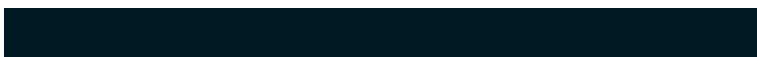
33.6331, 0.2667, 0.2687



11.5587, 0.2984, 0.3225



15.7562, 0.1996, 0.2386



0.8621, 0.2055, 0.2597

Previews

White Background



This preview shows how the Yxy color 38.4427, 0.3673, 0.3489 looks on a white background.

Color Contrast Check

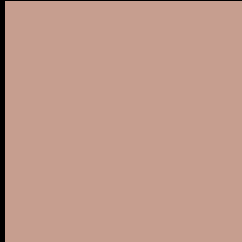
Large Text (above 18pt) WCAG AA × Fail

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 38.4427, 0.3673, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

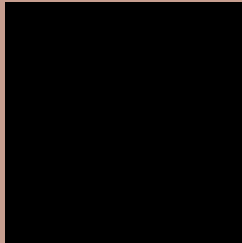
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4427, 0.3673, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 38.4427, 0.3673, 0.3489.



This preview shows how white text looks on a background with the Yxy color 38.4427, 0.3673, 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

38.4427, 0.3673, 0.3489

Protanopia

38.3777, 0.3372, 0.3559

Deuteranopia

38.6492, 0.3612, 0.3546



Tritanopia

38.6502, 0.3473, 0.3137

Trichromacy



Original Color

38.4427, 0.3673, 0.3489

Protanomaly

38.3370, 0.3477, 0.3525

Deuteranomaly

38.5639, 0.3635, 0.3531

Tritanomaly

38.5249, 0.3550, 0.3265

Monochromacy



Original Color

38.4427, 0.3673, 0.3489

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6378, 0.3315, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4427, 0.3673, 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(198, 158, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 143)  
}
```

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(198, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 143) }
```

Border

The CSS property to change the border of an element to Yxy 38.4427, 0.3673, 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(198, 158, 143) }
```

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

```
.border{ border-color:rgb(198, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4427, 0.3673, 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(198, 158, 143) }
```

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

```
.background{ background-color: rgb(198,  
158, 143) }
```

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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