

Converting Colors

$Yxy(38.4163, 0.3545, 0.3189)$

Have a look what the booklet for
Yxy(38.4163, 0.3545, 0.3189)
contains.

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Color

Yxy(38.4163, 0.3545, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	CB9AA2
RGB	203, 154, 162
RGB Percent	80%, 60%, 64%
CMY	0.2039, 0.3961, 0.3647
CMYK	0.00, 0.24, 0.20, 0.20
HSL	350°, 32%, 70%
HSV	350°, 24%, 80%
XYZ	42.7049, 38.4163, 39.3439
YIQ	169.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

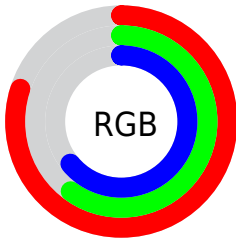
Format	Color
R _Y B	203, 154, 162
Decimal	13343394
CIE Lab	68.33, 19.48, 2.94
CIE LCh	68, 19.701, 8.576
Yxy	38.4163, 0.3545, 0.3189
Android (android.graphics.Color)	4291533474 (0xFFCB9AA2)
YUV	169.5630, -3.7286, 29.3242
Hunter-Lab	61.9809, 14.5200, 5.7508

Details

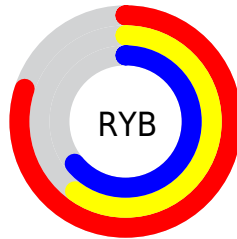
The Yxy color **38.4163, 0.3545, 0.3189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5222, 0.2824, 0.3394**, and the grayscale version is **39.9794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8707, 0.3419, 0.3210**, and **17.1222, 0.3680, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **31.7100, 0.3791, 0.3145**, and if you desaturate by 10%, it is **46.3409, 0.3345, 0.3233**.

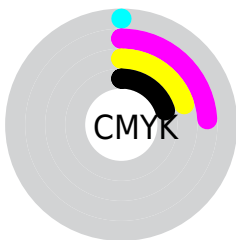
Distribution



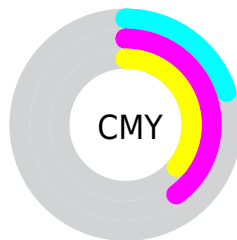
- Red (80%)
- Green (60%)
- Blue (64%)



- Red (80%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4163, 0.3545, 0.3189 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 38.4163, 0.3545, 0.3189 by changing the saturation by 10% instead.


 38.4163, 0.3545,
0.3189


 38.4163, 0.3545,
0.3189


339.4024, 0.3328,
0.3243

 26.3059, 0.3602,
0.3174


 72.7458, 0.3464,
0.3209

 17.0527, 0.3676,
0.3155


 95.7337, 0.3435,
0.3217

 10.2720, 0.3778,
0.3127


123.1162, 0.3410,
0.3223

 5.5797, 0.3926,
0.3087

155.2778, 0.3389,
0.3228

 2.5912, 0.4159,
0.3019

192.6028, 0.3370,
0.3233

 0.9223, 0.4593,
0.2898

235.4757, 0.3355,

 0.0000, 1.0000,

0.3237

0.0000

284.2807, 0.3341,
0.3240

0.0000, 0.0000,
0.0000

38.4163, 0.3545,
0.3189

38.4163, 0.3545,
0.3189

31.7100, 0.3791,
0.3145

46.3409, 0.3345,
0.3233

26.1564, 0.4090,
0.3103

55.5346, 0.3184,
0.3274

21.6920, 0.4445,
0.3069

66.0515, 0.3054,
0.3312

18.2448, 0.4848,
0.3048

77.9414, 0.2949,
0.3347

15.7343, 0.5277,
0.3050

90.9282, 0.2863,
0.3374

■ 14.0673, 0.5687,
0.3081

■ 91.4363, 0.2822,
0.3289

■ 13.1319, 0.6024,
0.3140

■ 12.8066, 0.6177,
0.3177

Harmonies

Analogous

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



38.4163, 0.3279, 0.2976



38.4163, 0.3545, 0.3189



38.4163, 0.3697, 0.3434

Triad

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



38.4163, 0.3545, 0.3189



38.4163, 0.3253, 0.3794



38.4163, 0.2594, 0.2898

Complementary

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



38.4163, 0.3545, 0.3189



53.5222, 0.2824, 0.3394

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.



38.4163, 0.2589, 0.3102



38.4163, 0.3545, 0.3189



38.4163, 0.2960, 0.3638

Square

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



38.4163, 0.3545, 0.3189



38.4163, 0.3521, 0.3795



38.4163, 0.2720, 0.3376



38.4163, 0.2734, 0.2808

Rectangle

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



38.4163, 0.3545, 0.3189



38.4163, 0.3708, 0.3589



38.4163, 0.2720, 0.3376



38.4163, 0.2577, 0.2955

Sweetspot

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



38.4181, 0.3545, 0.3189



88.2101, 0.3228, 0.3262



39.0049, 0.3080, 0.2681



18.6741, 0.3238, 0.3259



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.



38.4181, 0.3545, 0.3189



58.1832, 0.3668, 0.3166



43.9056, 0.3578, 0.3499



11.2430, 0.3265, 0.3252



8.1593, 0.6150, 0.3162



0.4305, 0.5652, 0.2887

Inverse Universe

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



38.4181, 0.3545, 0.3189



58.1832, 0.3668, 0.3166



46.5821, 0.2756, 0.3071



11.2430, 0.3265, 0.3252



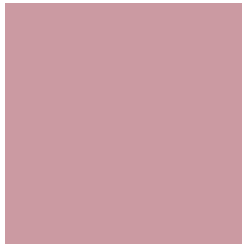
8.1593, 0.6150, 0.3162



0.4305, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 38.4163, 0.3545, 0.3189 looks on a white background.

Color Contrast Check

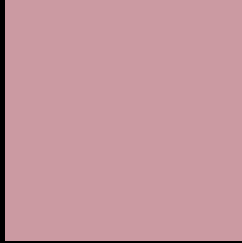
Large Text (above 18pt) WCAG AA × Fail

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 38.4163, 0.3545, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

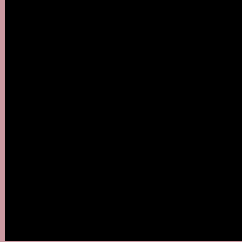
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4163, 0.3545, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 38.4163, 0.3545, 0.3189.



This preview shows how white text looks on a background with the Yxy color 38.4163, 0.3545, 0.3189.

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

38.4163, 0.3545, 0.3189

Protanopia

38.5720, 0.3129, 0.3248

Deuteranopia

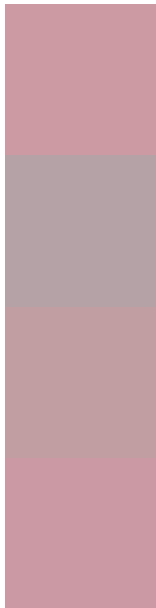
38.3772, 0.3360, 0.3291



Tritanopia

38.1956, 0.3517, 0.3138

Trichromacy



Original Color

38.4163, 0.3545, 0.3189

Protanomaly

38.4176, 0.3273, 0.3236

Deuteranomaly

38.2334, 0.3435, 0.3251

Tritanomaly

38.1593, 0.3527, 0.3151

Monochromacy



Original Color

38.4163, 0.3545, 0.3189

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2860, 0.3271, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4163, 0.3545, 0.3189 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(203, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 162)  
}
```

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(203, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 162) }
```

Border

The CSS property to change the border of an element to Yxy 38.4163, 0.3545, 0.3189 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(203, 154, 162) }
```

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

```
.border{ border-color:rgb(203, 154, 162) }
```

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

Here you see how a box with a 4 pixel rgb(203, 154, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4163, 0.3545, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 162) }
```

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

```
.background{ background-color: rgb(203,  
154, 162) }
```

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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