

Converting Colors

$Yxy(38.3075, 0.3585, 0.3245)$

Have a look what the booklet for
Yxy(38.3075, 0.3585, 0.3245)
contains.

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Color

Yxy(38.2763, 0.3585, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	CB9A9E
RGB	203, 154, 158
RGB Percent	80%, 60%, 62%
CMY	0.2040, 0.3960, 0.3803
CMYK	0.00, 0.24, 0.22, 0.20
HSL	355°, 32%, 70%
HSV	355°, 24%, 80%
XYZ	42.3520, 38.2763, 37.5084
YIQ	169.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

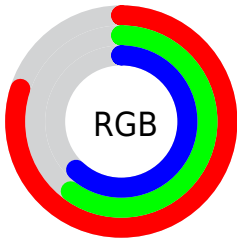
Format	Color
R _Y B	203, 154, 158
Decimal	13343390
CIE Lab	68.22, 18.87, 5.01
CIE LCh	68, 19.520, 14.878
Yxy	38.2763, 0.3585, 0.3240
Android (android.graphics.Color)	4291533470 (0xFFCB9A9E)
YUV	169.1070, -5.4758, 29.7242
Hunter-Lab	61.8678, 13.9246, 7.3619

Details

The Yxy color **38.2763, 0.3585, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6956, 0.2799, 0.3341**, and the grayscale version is **39.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6650, 0.3449, 0.3250**, and **17.0579, 0.3725, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **31.5400, 0.3857, 0.3218**, and if you desaturate by 10%, it is **46.2464, 0.3366, 0.3262**.

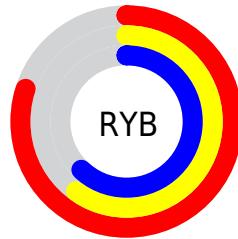
Distribution



Red (80%)

Green (60%)

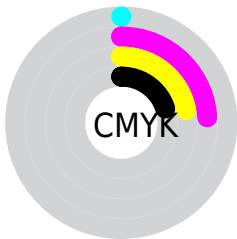
Blue (62%)



Red (80%)

Yellow (60%)

Blue (62%)

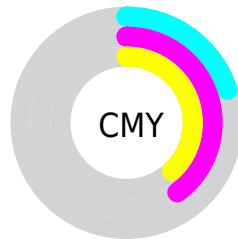


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2763, 0.3585, 0.3240 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 38.2763, 0.3585, 0.3240 by changing the saturation by 10% instead.


 38.2763, 0.3585,
0.3240


 38.2763, 0.3585,
0.3240


338.8037, 0.3347,
0.3269

 26.1972, 0.3647,
0.3231


 72.5314, 0.3496,
0.3251

 16.9712, 0.3729,
0.3220


 95.4763, 0.3464,
0.3255

 10.2140, 0.3842,
0.3202


122.8118, 0.3436,
0.3259

 5.5411, 0.4006,
0.3175

154.9224, 0.3413,
0.3261

 2.5681, 0.4264,
0.3127

192.1925, 0.3393,
0.3264

 0.9106, 0.4787,
0.3060

235.0065, 0.3376,

 0.0000, 1.0000,

0.3266

0.0000

283.7488, 0.3361,
0.3267

0.0000, 0.0000,
0.0000

38.2763, 0.3585,
0.3240

38.2763, 0.3585,
0.3240

31.5400, 0.3857,
0.3218

46.2464, 0.3366,
0.3262

25.9710, 0.4188,
0.3198

55.5020, 0.3189,
0.3282

21.5043, 0.4581,
0.3183

66.0985, 0.3048,
0.3301

18.0667, 0.5022,
0.3175

78.0862, 0.2934,
0.3318

15.5760, 0.5478,
0.3181

91.1920, 0.2841,
0.3329

■ 13.9373, 0.5892,
0.3202

■ 91.4335, 0.2821,
0.3289

■ 13.0363, 0.6198,
0.3238

■ 12.7326, 0.6319,
0.3255

Harmonies

Analogous

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



38.2763, 0.3339, 0.3018



38.2763, 0.3585, 0.3240



38.2763, 0.3704, 0.3483

Triad

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



38.2763, 0.3585, 0.3240



38.2763, 0.3190, 0.3770



38.2763, 0.2617, 0.2873

Complementary

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



38.2763, 0.3585, 0.3240



53.6956, 0.2799, 0.3341

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.



38.2763, 0.2583, 0.3054



38.2763, 0.3585, 0.3240



38.2763, 0.2905, 0.3586

Square

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



38.2763, 0.3585, 0.3240



38.2763, 0.3468, 0.3804



38.2763, 0.2686, 0.3316



38.2763, 0.2781, 0.2808

Rectangle

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



38.2763, 0.3585, 0.3240



38.2763, 0.3692, 0.3630



38.2763, 0.2686, 0.3316



38.2763, 0.2590, 0.2921

Sweetspot

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



38.2781, 0.3585, 0.3240



88.1241, 0.3238, 0.3276



39.5545, 0.3117, 0.2689



18.6543, 0.3248, 0.3275



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.



38.2781, 0.3585, 0.3240



57.9197, 0.3721, 0.3229



45.4599, 0.3566, 0.3549



11.2283, 0.3277, 0.3271



8.1105, 0.6301, 0.3245



0.4237, 0.5995, 0.3076

Inverse Universe

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



38.2781, 0.3585, 0.3240



57.9197, 0.3721, 0.3229



44.8745, 0.2752, 0.3015



11.2283, 0.3277, 0.3271



8.1105, 0.6301, 0.3245



0.4237, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 38.2763, 0.3585, 0.3240 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 38.2763, 0.3585, 0.3240 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 38.2763, 0.3585, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 38.2763, 0.3585, 0.3240.



This preview shows how white text looks on a background with the Yxy color 38.2763, 0.3585, 0.3240.

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

38.2763, 0.3585, 0.3240

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

38.3632, 0.3408, 0.3345



Tritanopia

38.3364, 0.3527, 0.3139

Trichromacy



Original Color

38.2763, 0.3585, 0.3240

Protanomaly

38.3944, 0.3320, 0.3291

Deuteranomaly

38.0945, 0.3474, 0.3304

Tritanomaly

38.2285, 0.3558, 0.3176

Monochromacy



Original Color

38.2763, 0.3585, 0.3240

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0913, 0.3280, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2763, 0.3585, 0.3240 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 158) }
```

Border

The CSS property to change the border of an element to Yxy 38.2763, 0.3585, 0.3240 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, 158) }
```

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

```
.border{ border-color:rgb(203, 154, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2763, 0.3585, 0.3240 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, 158) }
```

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

```
.background{ background-color: rgb(203,  
154, 158) }
```

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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