

Converting Colors

$Yxy(38.2880, 0.3691, 0.3219)$

Have a look what the booklet for
Yxy(38.2880, 0.3691, 0.3219)
contains.

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Color

Yxy(38.4164, 0.3686, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	D3979D
RGB	211, 151, 157
RGB Percent	83%, 59%, 62%
CMY	0.1725, 0.4078, 0.3844
CMYK	0.00, 0.28, 0.26, 0.17
HSL	354°, 41%, 71%
HSV	354°, 28%, 83%
XYZ	44.0171, 38.4164, 36.9834
YIQ	169.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

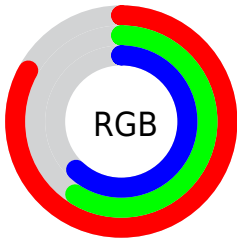
Format	Color
R_{YB}	211, 151, 157
Decimal	13866909
CIE _{Lab}	68.33, 23.36, 5.85
CIE _{LCh}	68, 24.084, 14.048
Yxy	38.4164, 0.3686, 0.3217
Android (android.graphics.Color)	4292056989 (0xFFD3979D)
YUV	169.6240, -6.2236, 36.2868
Hunter-Lab	61.9810, 18.2987, 8.0089

Details

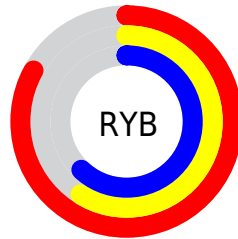
The Yxy color **38.4164, 0.3686, 0.3217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5829, 0.2752, 0.3366**, and the grayscale version is **40.0211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1058, 0.3469, 0.3240**, and **17.1235, 0.3854, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **31.6240, 0.3978, 0.3191**, and if you desaturate by 10%, it is **46.5288, 0.3449, 0.3244**.

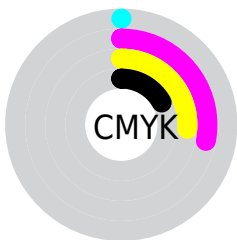
Distribution



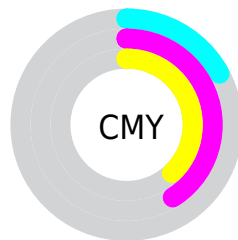
- Red (83%)
- Green (59%)
- Blue (62%)



- Red (83%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (17%)





- Cyan (17%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4164, 0.3686, 0.3217 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 38.4164, 0.3686, 0.3217 by changing the saturation by 10% instead.


 38.4164, 0.3686,
0.3217


 38.4164, 0.3686,
0.3217


339.4029, 0.3396,
0.3259

 26.3060, 0.3762,
0.3205


 72.7459, 0.3578,
0.3234

 17.0527, 0.3862,
0.3188


 95.7339, 0.3538,
0.3239

 10.2721, 0.3999,
0.3163

123.1164, 0.3505,
0.3244

 5.5797, 0.4197,
0.3124

155.2781, 0.3476,
0.3248

 2.5913, 0.4509,
0.3056

192.6031, 0.3452,
0.3251

 0.9223, 0.5137,
0.2956

235.4760, 0.3431,

 0.0000, 1.0000,

0.3254

0.0000

284.2811, 0.3412,
0.3257

■ 0.0000, 0.0000,
0.0000

■ 38.4164, 0.3686,
0.3217

■ 38.4164, 0.3686,
0.3217

■ 31.6240, 0.3978,
0.3191

■ 46.5288, 0.3449,
0.3244

■ 26.0767, 0.4330,
0.3168

■ 56.0202, 0.3258,
0.3270

■ 21.7004, 0.4739,
0.3152

■ 66.9526, 0.3105,
0.3294

■ 18.4110, 0.5187,
0.3148

■ 79.3825, 0.2982,
0.3316

■ 16.1130, 0.5631,
0.3162

■ 92.3973, 0.2882,
0.3320

■ 14.6945, 0.6009,
0.3195

■ 92.5905, 0.2866,
0.3289

■ 13.9879, 0.6267,
0.3239

■ 13.9047, 0.6298,
0.3243

Harmonies

Analogous

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



38.4164, 0.3376, 0.2951



38.4164, 0.3686, 0.3217



38.4164, 0.3838, 0.3512

Triad

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



38.4164, 0.3686, 0.3217



38.4164, 0.3211, 0.3892



38.4164, 0.2501, 0.2781

Complementary

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



38.4164, 0.3686, 0.3217



57.5829, 0.2752, 0.3366

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.



38.4164, 0.2465, 0.3002



38.4164, 0.3686, 0.3217



38.4164, 0.2861, 0.3667

Square

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



38.4164, 0.3686, 0.3217



38.4164, 0.3552, 0.3923



38.4164, 0.2592, 0.3329



38.4164, 0.2695, 0.2703

Rectangle

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



38.4164, 0.3686, 0.3217



38.4164, 0.3826, 0.3694



38.4164, 0.2592, 0.3329



38.4164, 0.2471, 0.2840

Sweetspot

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



38.4182, 0.3686, 0.3217



84.9612, 0.3270, 0.3268



39.8184, 0.3105, 0.2575



17.7019, 0.3296, 0.3264



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.



38.4182, 0.3686, 0.3217



52.5479, 0.3852, 0.3201



46.7472, 0.3667, 0.3587



11.8271, 0.3275, 0.3267



8.3975, 0.6276, 0.3231



0.4762, 0.5936, 0.3044

Inverse Universe

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



38.4182, 0.3686, 0.3217



52.5479, 0.3852, 0.3201



46.8271, 0.2684, 0.2972



11.8271, 0.3275, 0.3267



8.3975, 0.6276, 0.3231



0.4762, 0.5936, 0.3044

Previews

White Background



This preview shows how the Yxy color 38.4164, 0.3686, 0.3217 looks on a white background.

Color Contrast Check

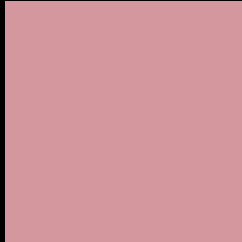
Large Text (above 18pt) WCAG AA × Fail

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 38.4164, 0.3686, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

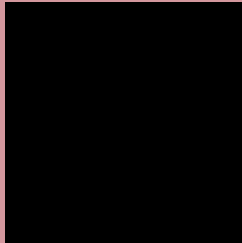
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4164, 0.3686, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 38.4164, 0.3686, 0.3217.



This preview shows how white text looks on a background with the Yxy color 38.4164, 0.3686, 0.3217.

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

38.4164, 0.3686, 0.3217

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

38.4211, 0.3436, 0.3372



Tritanopia

38.4184, 0.3647, 0.3143

Trichromacy



Original Color

38.4164, 0.3686, 0.3217

Protanomaly

38.4127, 0.3351, 0.3277

Deuteranomaly

38.2500, 0.3527, 0.3304

Tritanomaly

38.3478, 0.3668, 0.3167

Monochromacy



Original Color

38.4164, 0.3686, 0.3217

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2253, 0.3320, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4164, 0.3686, 0.3217 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(211, 151, 157)` looks like.

```
.text, #text, p{  
    color:rgb(211, 151, 157)  
}
```

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(211, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 151, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.4164, 0.3686, 0.3217 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(211, 151, 157) }
```

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

```
.border{ border-color:rgb(211, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(211, 151,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4164, 0.3686, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 151, 157) }
```

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

```
.background{ background-color: rgb(211,  
151, 157) }
```

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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