

Converting Colors

$Yxy(38.8561, 0.3693, 0.3160)$

Have a look what the booklet for
Yxy(38.8561, 0.3693, 0.3160)
contains.

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Color

Yxy(38.8330, 0.3688, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	D796A1
RGB	215, 150, 161
RGB Percent	84%, 59%, 63%
CMY	0.1568, 0.4118, 0.3687
CMYK	0.00, 0.30, 0.25, 0.16
HSL	350°, 45%, 72%
HSV	350°, 30%, 84%
XYZ	45.3646, 38.8330, 38.8084
YIQ	170.6890, 35.2090, 17.2010

Conversions

Conversions Part 2

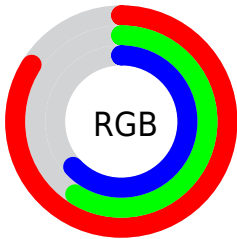
Format	Color
R _Y B	215, 150, 161
Decimal	14128801
CIE Lab	68.63, 25.96, 4.11
CIE LCh	69, 26.286, 8.998
Yxy	38.8330, 0.3688, 0.3157
Android (android.graphics.Color)	4292318881 (0xFFD796A1)
YUV	170.6890, -4.7767, 38.8607
Hunter-Lab	62.3161, 20.8904, 6.6975

Details

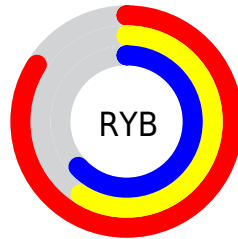
The Yxy color **38.8330, 0.3688, 0.3157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.4544, 0.2757, 0.3430**, and the grayscale version is **40.5722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8805, 0.3433, 0.3179**, and **17.2321, 0.3859, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **32.0047, 0.3965, 0.3112**, and if you desaturate by 10%, it is **47.0141, 0.3461, 0.3203**.

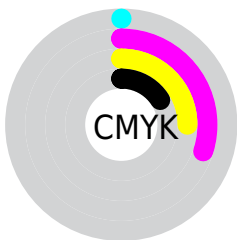
Distribution



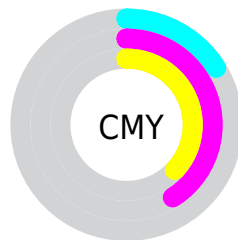
- Red (84%)
- Green (59%)
- Blue (63%)



- Red (84%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8330, 0.3688, 0.3157 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 38.8330, 0.3688, 0.3157 by changing the saturation by 10% instead.


 38.8330, 0.3688,
0.3157


 38.8330, 0.3688,
0.3157

341.1800, 0.3398,
0.3229

 26.6298, 0.3764,
0.3137


 73.3831, 0.3580,
0.3184

 17.2954, 0.3863,
0.3111


 96.4989, 0.3540,
0.3194

 10.4453, 0.3999,
0.3074

124.0210, 0.3507,
0.3202

 5.6952, 0.4194,
0.3018

156.3338, 0.3478,
0.3209

 2.6607, 0.4500,
0.2927

193.8217, 0.3454,
0.3215

 0.9573, 0.5063,
0.2763

236.8691, 0.3433,


 0.0000, 1.0000,


0.3220

0.0000


285.8604, 0.3414,
0.3225


 0.0000, 0.0000,
0.0000


 38.8330, 0.3688,
0.3157


 38.8330, 0.3688,
0.3157


 32.0047, 0.3965,
0.3112


 47.0141, 0.3461,
0.3203


 26.4509, 0.4298,
0.3073


 56.6098, 0.3278,
0.3247


 22.0938, 0.4684,
0.3045

 67.6846, 0.3130,
0.3289

 18.8449, 0.5106,
0.3037

 80.2975, 0.3011,
0.3327

 16.6032, 0.5529,
0.3057

 92.8928, 0.2913,
0.3337

■ 15.2491, 0.5900,
0.3107

■ 93.1893, 0.2889,
0.3289

■ 14.5783, 0.6171,
0.3173

Harmonies

Analogous

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



38.8330, 0.3331, 0.2883



38.8330, 0.3688, 0.3157



38.8330, 0.3889, 0.3474

Triad

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



38.8330, 0.3688, 0.3157



38.8330, 0.3282, 0.3969



38.8330, 0.2431, 0.2767

Complementary

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



38.8330, 0.3688, 0.3157



59.4544, 0.2757, 0.3430

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.



38.8330, 0.2421, 0.3028



38.8330, 0.3688, 0.3157



38.8330, 0.2897, 0.3756

Square

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



38.8330, 0.3688, 0.3157



38.8330, 0.3640, 0.3963



38.8330, 0.2586, 0.3395



38.8330, 0.2613, 0.2658

Rectangle

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



38.8330, 0.3688, 0.3157



38.8330, 0.3900, 0.3678



38.8330, 0.2586, 0.3395



38.8330, 0.2408, 0.2838

Sweetspot

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



38.8348, 0.3688, 0.3157



85.0530, 0.3259, 0.3252



39.4304, 0.3053, 0.2517



17.7243, 0.3283, 0.3246



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.



38.8348, 0.3688, 0.3157



50.7675, 0.3851, 0.3129



45.6223, 0.3729, 0.3543



12.4547, 0.3265, 0.3251



8.7289, 0.6141, 0.3157



0.5372, 0.5692, 0.2909

Inverse Universe

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



38.8348, 0.3688, 0.3157



50.7675, 0.3851, 0.3129



50.1654, 0.2664, 0.3021



12.4547, 0.3265, 0.3251



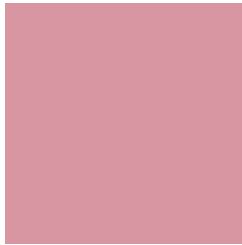
8.7289, 0.6141, 0.3157



0.5372, 0.5692, 0.2909

Previews

White Background



This preview shows how the Yxy color 38.8330, 0.3688, 0.3157 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 38.8330, 0.3688, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

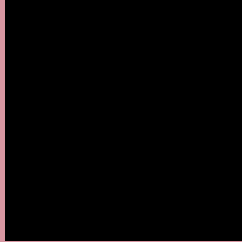
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8330, 0.3688, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 38.8330, 0.3688, 0.3157.



This preview shows how white text looks on a background with the Yxy color 38.8330, 0.3688, 0.3157.

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

38.8330, 0.3688, 0.3157

Protanopia

39.1238, 0.3121, 0.3234

Deuteranopia

38.9087, 0.3397, 0.3331



Tritanopia

38.8330, 0.3688, 0.3157

Trichromacy



Original Color

38.8330, 0.3688, 0.3157

Protanomaly

38.7189, 0.3314, 0.3210

Deuteranomaly

38.8621, 0.3495, 0.3265

Tritanomaly

38.8330, 0.3688, 0.3157

Monochromacy



Original Color

38.8330, 0.3688, 0.3157

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5492, 0.3320, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8330, 0.3688, 0.3157 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(215, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(215, 150, 161)  
}
```

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(215, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 150, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.8330, 0.3688, 0.3157 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(215, 150, 161) }
```

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

```
.border{ border-color:rgb(215, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(215, 150,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8330, 0.3688, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 150, 161) }
```

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

```
.background{ background-color: rgb(215,  
150, 161) }
```

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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