

Converting Colors

$Yxy(38.4191, 0.3793, 0.3306)$

Have a look what the booklet for
Yxy(38.4191, 0.3793, 0.3306)
contains.

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Color

Yxy(38.5993, 0.3800, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	D69795
RGB	214, 151, 149
RGB Percent	84%, 59%, 58%
CMY	0.1608, 0.4078, 0.4157
CMYK	0.00, 0.29, 0.30, 0.16
HSL	2°, 44%, 71%
HSV	2°, 30%, 84%
XYZ	44.2199, 38.5993, 33.5489
YIQ	169.6090, 38.1900, 12.7340

Conversions

Conversions Part 2

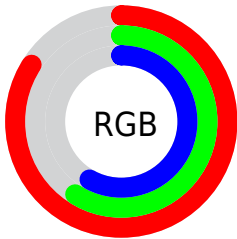
Format	Color
R _Y B	214, 151, 149
Decimal	14063509
CIE Lab	68.46, 23.38, 10.54
CIE LCh	68, 25.646, 24.259
Yxy	38.5993, 0.3800, 0.3317
Android (android.graphics.Color)	4292253589 (0xFFD69795)
YUV	169.6090, -10.1602, 38.9309
Hunter-Lab	62.1283, 18.3229, 11.4736

Details

The Yxy color **38.5993, 0.3800, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3138, 0.2689, 0.3263**, and the grayscale version is **40.0316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7144, 0.3531, 0.3322**, and **17.2653, 0.4018, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **31.8817, 0.4133, 0.3326**, and if you desaturate by 10%, it is **46.6197, 0.3528, 0.3308**.

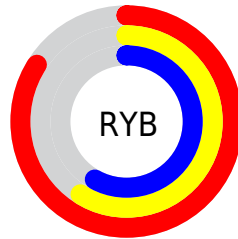
Distribution



Red (84%)

Green (59%)

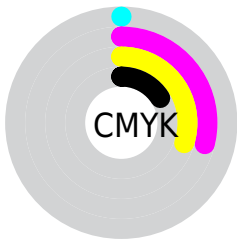
Blue (58%)



Red (84%)

Yellow (59%)

Blue (58%)

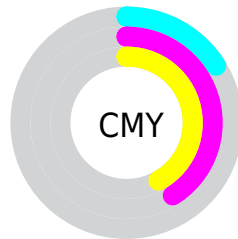


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (16%)



Cyan (16%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5993, 0.3800, 0.3317 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 38.5993, 0.3800, 0.3317 by changing the saturation by 10% instead.


 38.5993, 0.3800,
0.3317


 38.5993, 0.3800,
0.3317


340.1839, 0.3450,
0.3311

 26.4482, 0.3892,
0.3316


 73.0258, 0.3669,
0.3317

 17.1592, 0.4012,
0.3313


 96.0699, 0.3621,
0.3316

 10.3481, 0.4177,
0.3305


123.5138, 0.3581,
0.3315

 5.6303, 0.4414,
0.3288

155.7419, 0.3547,
0.3314

 2.6216, 0.4785,
0.3247

193.1385, 0.3518,
0.3313

 0.9376, 0.5711,
0.3294

236.0882, 0.3492,


 0.0000, 1.0000,


0.3313

0.0000


284.9751, 0.3470,
0.3312


 0.0000, 0.0000,
0.0000

 38.5993, 0.3800,
0.3317


 38.5993, 0.3800,
0.3317


 31.8817, 0.4133,
0.3326


 46.6197, 0.3528,
0.3308


 26.3931, 0.4531,
0.3334


 56.0006, 0.3309,
0.3299


 22.0606, 0.4983,
0.3340

 66.8032, 0.3133,
0.3290

 18.8016, 0.5456,
0.3341

 79.0831, 0.2992,
0.3283

 16.5224, 0.5889,
0.3335

 92.8295, 0.2883,
0.3286

■ 15.1133, 0.6211,
0.3323

■ 93.0345, 0.2883,
0.3289

■ 14.4390, 0.6382,
0.3315

Harmonies

Analogous

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



38.5993, 0.3516, 0.3019



38.5993, 0.3800, 0.3317



38.5993, 0.3889, 0.3626

Triad

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



38.5993, 0.3800, 0.3317



38.5993, 0.3084, 0.3872



38.5993, 0.2516, 0.2704

Complementary

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



38.5993, 0.3800, 0.3317



58.3138, 0.2689, 0.3263

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.



38.5993, 0.2419, 0.2887



38.5993, 0.3800, 0.3317



38.5993, 0.2733, 0.3576

Square

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



38.5993, 0.3800, 0.3317



38.5993, 0.3461, 0.3977



38.5993, 0.2495, 0.3204



38.5993, 0.2770, 0.2676

Rectangle

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



38.5993, 0.3800, 0.3317



38.5993, 0.3826, 0.3803



38.5993, 0.2495, 0.3204



38.5993, 0.2465, 0.2748

Sweetspot

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



38.6011, 0.3800, 0.3317



85.2332, 0.3284, 0.3298



40.5856, 0.3172, 0.2551



17.7681, 0.3312, 0.3299



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.



38.6011, 0.3800, 0.3317



51.2041, 0.3992, 0.3323



50.1552, 0.3686, 0.3698



12.4820, 0.3290, 0.3298



8.7564, 0.6376, 0.3319



0.5505, 0.6299, 0.3381

Inverse Universe

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



58.3138, 0.2689, 0.3263



84.7394, 0.2616, 0.3257



44.0499, 0.2642, 0.2843



14.0385, 0.2983, 0.3282



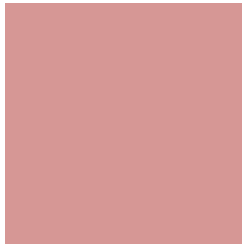
30.0386, 0.2220, 0.3193



1.8330, 0.2225, 0.3210

Previews

White Background



This preview shows how the Yxy color 38.5993, 0.3800, 0.3317 looks on a white background.

Color Contrast Check

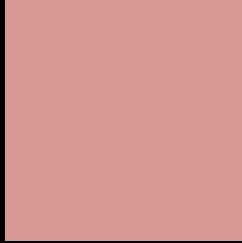
Large Text (above 18pt) WCAG AA × Fail

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 38.5993, 0.3800, 0.3317 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 38.5993, 0.3800, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 38.5993, 0.3800, 0.3317.



This preview shows how white text looks on a background with the Yxy color 38.5993, 0.3800, 0.3317.

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

38.5993, 0.3800, 0.3317

Protanopia

38.9560, 0.3271, 0.3431

Deuteranopia

38.6727, 0.3553, 0.3479



Tritanopia

38.5152, 0.3690, 0.3144

Trichromacy



Original Color

38.5993, 0.3800, 0.3317

Protanomaly

38.5142, 0.3456, 0.3385

Deuteranomaly

38.3942, 0.3637, 0.3409

Tritanomaly

38.6941, 0.3729, 0.3206

Monochromacy



Original Color

38.5993, 0.3800, 0.3317

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2421, 0.3357, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5993, 0.3800, 0.3317 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(214, 151, 149)` looks like.

```
.text, #text, p{  
    color:rgb(214, 151, 149)  
}
```

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(214, 151, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 151, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.5993, 0.3800, 0.3317 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(214, 151, 149) }
```

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

```
.border{ border-color:rgb(214, 151, 149) }
```

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

Here you see how a box with a 4 pixel rgb(214, 151, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 151, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 151, 149);  
box-shadow:4px 4px 4px 4px rgb(214, 151,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5993, 0.3800, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 151, 149) }
```

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

```
.background{ background-color: rgb(214,  
151, 149) }
```

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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