

Converting Colors

$Yxy(38.0457, 0.3851, 0.3292)$

Have a look what the booklet for
Yxy(38.0457, 0.3851, 0.3292)
contains.

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Color

Yxy(38.0696, 0.3853, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	D99494
RGB	217, 148, 148
RGB Percent	85%, 58%, 58%
CMY	0.1489, 0.4196, 0.4196
CMYK	0.00, 0.32, 0.32, 0.15
HSL	360°, 48%, 72%
HSV	360°, 32%, 85%
XYZ	44.5572, 38.0696, 33.0160
YIQ	168.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

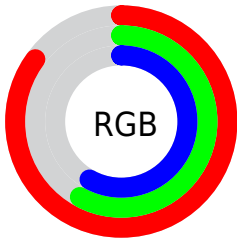
Format	Color
R _Y B	217, 148, 148
Decimal	14259348
CIE Lab	68.07, 26.04, 10.59
CIE LCh	68, 28.107, 22.128
Yxy	38.0696, 0.3853, 0.3292
Android (android.graphics.Color)	4292449428 (0xFFD99494)
YUV	168.6310, -10.1711, 42.4196
Hunter-Lab	61.7006, 20.9281, 11.4643

Details

The Yxy color **38.0696, 0.3853, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.9476, 0.2674, 0.3289**, and the grayscale version is **39.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2361, 0.3544, 0.3302**, and **16.8860, 0.4081, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **31.2659, 0.4203, 0.3293**, and if you desaturate by 10%, it is **46.2821, 0.3568, 0.3291**.

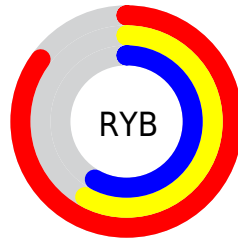
Distribution



Red (85%)

Green (58%)

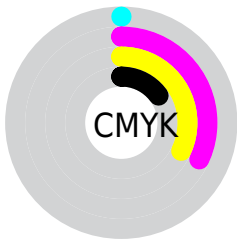
Blue (58%)



Red (85%)

Yellow (58%)

Blue (58%)

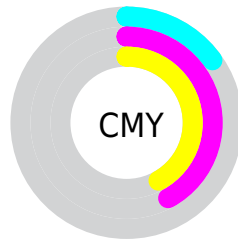


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0696, 0.3853, 0.3292 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 38.0696, 0.3853, 0.3292 by changing the saturation by 10% instead.


 38.0696, 0.3853,
0.3292

 38.0696, 0.3853,
0.3292

337.9184, 0.3474,
0.3300

 26.0367, 0.3952,
0.3287


 72.2148, 0.3712,
0.3297

 16.8511, 0.4083,
0.3278


 95.0959, 0.3660,
0.3298

 10.1284, 0.4262,
0.3263


122.3619, 0.3616,
0.3299

 5.4842, 0.4520,
0.3235

154.3971, 0.3579,
0.3299

 2.5340, 0.4922,
0.3174

191.5860, 0.3548,
0.3300

 0.8936, 0.5961,
0.3204


234.3129, 0.3520,


 0.0000, 1.0000,


0.3300


0.0000


282.9622, 0.3496,
0.3300

 0.0000, 0.0000,
0.0000


 38.0696, 0.3853,
0.3292


 38.0696, 0.3853,
0.3292


 31.2659, 0.4203,
0.3293


 46.2821, 0.3568,
0.3291


 25.7868, 0.4620,
0.3294

 55.9706, 0.3339,
0.3291


 21.5478, 0.5088,
0.3296

 67.2044, 0.3156,
0.3290

 18.4521, 0.5566,
0.3297

 80.0470, 0.3010,
0.3290

 16.3887, 0.5985,
0.3298

 93.4965, 0.2900,
0.3289

■ 15.2247, 0.6272,
0.3299

■ 14.7565, 0.6401,
0.3300

Harmonies

Analogous

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



38.0696, 0.3527, 0.2972



38.0696, 0.3853, 0.3292



38.0696, 0.3968, 0.3631

Triad

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



38.0696, 0.3853, 0.3292



38.0696, 0.3107, 0.3951



38.0696, 0.2445, 0.2656

Complementary

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



38.0696, 0.3853, 0.3292



60.9476, 0.2674, 0.3289

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.



38.0696, 0.2352, 0.2865



38.0696, 0.3853, 0.3292



38.0696, 0.2717, 0.3634

Square

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



38.0696, 0.3853, 0.3292



38.0696, 0.3519, 0.4047



38.0696, 0.2447, 0.3220



38.0696, 0.2710, 0.2615

Rectangle

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



38.0696, 0.3853, 0.3292



38.0696, 0.3907, 0.3831



38.0696, 0.2447, 0.3220



38.0696, 0.2394, 0.2707

Sweetspot

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



38.0714, 0.3853, 0.3292



83.2610, 0.3304, 0.3291



40.7689, 0.3153, 0.2501



17.3574, 0.3333, 0.3291



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.



38.0714, 0.3853, 0.3292



48.2203, 0.4074, 0.3293



50.0887, 0.3727, 0.3692



13.0516, 0.3292, 0.3290



8.9300, 0.6401, 0.3300



0.5785, 0.6400, 0.3299

Inverse Universe

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



38.0714, 0.3853, 0.3292



48.2203, 0.4074, 0.3293



45.4469, 0.2621, 0.2849



13.0516, 0.3292, 0.3290



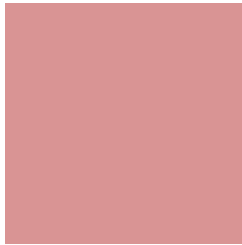
8.9300, 0.6401, 0.3300



0.5785, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 38.0696, 0.3853, 0.3292 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 38.0696, 0.3853, 0.3292 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 38.0696, 0.3853, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 38.0696, 0.3853, 0.3292.



This preview shows how white text looks on a background with the Yxy color 38.0696, 0.3853, 0.3292.

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

38.0696, 0.3853, 0.3292

Protanopia

38.3647, 0.3253, 0.3417

Deuteranopia

38.1641, 0.3556, 0.3480



Tritanopia

37.9318, 0.3762, 0.3146

Trichromacy



Original Color

38.0696, 0.3853, 0.3292

Protanomaly

37.8207, 0.3461, 0.3359

Deuteranomaly

38.1629, 0.3660, 0.3409

Tritanomaly

38.1060, 0.3802, 0.3207

Monochromacy



Original Color

38.0696, 0.3853, 0.3292

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5021, 0.3370, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0696, 0.3853, 0.3292 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(217, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(217, 148, 148)  
}
```

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(217, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 148, 148) }
```

Border

The CSS property to change the border of an element to Yxy 38.0696, 0.3853, 0.3292 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(217, 148, 148) }
```

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

```
.border{ border-color:rgb(217, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(217, 148,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0696, 0.3853, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 148, 148) }
```

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

```
.background{ background-color: rgb(217,  
148, 148) }
```

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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