

Converting Colors

$Yxy(38.7930, 0.3941, 0.3494)$

Have a look what the booklet for
Yxy(38.7930, 0.3941, 0.3494)
contains.

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Color

Yxy(38.6811, 0.3943, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	D79888
RGB	215, 152, 136
RGB Percent	84%, 60%, 53%
CMY	0.1568, 0.4039, 0.4667
CMYK	0.00, 0.29, 0.37, 0.16
HSL	12°, 50%, 69%
HSV	12°, 37%, 84%
XYZ	43.7019, 38.6811, 28.4511
YIQ	169.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

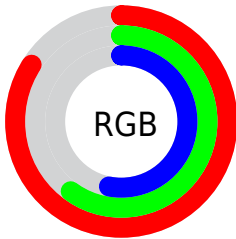
Format	Color
R _Y B	215, 156, 136
Decimal	14129288
CIE Lab	68.52, 21.61, 17.86
CIE LCh	69, 28.032, 39.580
Yxy	38.6811, 0.3943, 0.3490
Android (android.graphics.Color)	4292319368 (0xFFD79888)
YUV	169.0130, -16.2754, 40.3306
Hunter-Lab	62.1941, 16.5867, 16.4133

Details

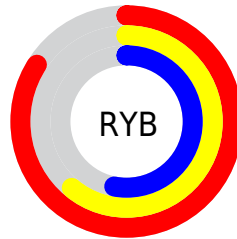
The Yxy color **38.6811, 0.3943, 0.3490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9989, 0.2585, 0.3077**, and the grayscale version is **39.7502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5598, 0.3636, 0.3477**, and **17.2483, 0.4193, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **32.9620, 0.4272, 0.3543**, and if you desaturate by 10%, it is **45.3314, 0.3664, 0.3434**.

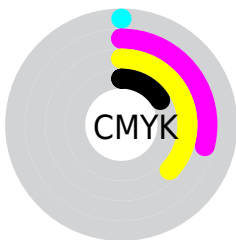
Distribution



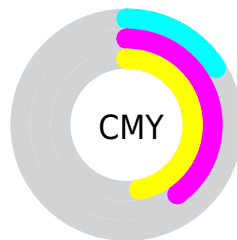
- Red (84%)
- Green (60%)
- Blue (53%)



- Red (84%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6811, 0.3943, 0.3490 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 38.6811, 0.3943, 0.3490 by changing the saturation by 10% instead.


 38.6811, 0.3943,
0.3490


 38.6811, 0.3943,
0.3490


340.5328, 0.3518,
0.3400

 26.5117, 0.4054,
0.3508


 73.1509, 0.3785,
0.3460

 17.2069, 0.4198,
0.3529


 96.2201, 0.3727,
0.3448

 10.3821, 0.4394,
0.3551

 123.6914, 0.3678,
0.3438

 5.6530, 0.4674,
0.3570

155.9492, 0.3637,
0.3428

 2.6353, 0.5097,
0.3570

193.3778, 0.3601,
0.3420

 0.9444, 0.6242,
0.3758

236.3617, 0.3570,

 0.0000, 1.0000,

0.3413

0.0000

285.2852, 0.3542,
0.3406

■ 0.0000, 0.0000,
0.0000

■ 38.6811, 0.3943,
0.3490

■ 38.6811, 0.3943,
0.3490

■ 32.9620, 0.4272,
0.3543

■ 45.3314, 0.3664,
0.3434

■ 28.1267, 0.4647,
0.3586

■ 52.9464, 0.3431,
0.3377

■ 24.1321, 0.5056,
0.3610

■ 61.5648, 0.3238,
0.3324

■ 20.9290, 0.5467,
0.3606

■ 71.2213, 0.3079,
0.3274

■ 18.4631, 0.5835,
0.3566

■ 81.9492, 0.2947,
0.3229

■ 16.6716, 0.6113,
0.3493

■ 93.1189, 0.2889,
0.3288

■ 16.2185, 0.6186,
0.3470

■ 93.1913, 0.2889,
0.3289

Harmonies

Analogous

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



38.6811, 0.3732, 0.3153



38.6811, 0.3943, 0.3490



38.6811, 0.3915, 0.3804

Triad

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



38.6811, 0.3943, 0.3490



38.6811, 0.2873, 0.3783



38.6811, 0.2584, 0.2617

Complementary

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



38.6811, 0.3943, 0.3490



50.9989, 0.2585, 0.3077

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.



38.6811, 0.2389, 0.2728



38.6811, 0.3943, 0.3490



38.6811, 0.2545, 0.3393

Square

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



38.6811, 0.3943, 0.3490



38.6811, 0.3283, 0.4016



38.6811, 0.2375, 0.3002



38.6811, 0.2929, 0.2670

Rectangle

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



38.6811, 0.3943, 0.3490



38.6811, 0.3770, 0.3959



38.6811, 0.2375, 0.3002



38.6811, 0.2501, 0.2635

Sweetspot

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



38.6830, 0.3943, 0.3490



84.8717, 0.3318, 0.3347



36.1904, 0.3321, 0.2548



17.7947, 0.3344, 0.3354



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.



38.6830, 0.3943, 0.3490



50.3349, 0.4190, 0.3531



53.6283, 0.3770, 0.3951



12.8240, 0.3286, 0.3338



9.8194, 0.6164, 0.3488



0.7117, 0.5831, 0.3752

Inverse Universe

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



50.9989, 0.2585, 0.3077



70.9135, 0.2486, 0.3025



35.1792, 0.2507, 0.2524



13.6608, 0.2983, 0.3242



20.6150, 0.2064, 0.2630



1.3540, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 38.6811, 0.3943, 0.3490 looks on a white background.

Color Contrast Check

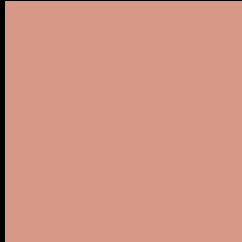
Large Text (above 18pt) WCAG AA × Fail

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 38.6811, 0.3943, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

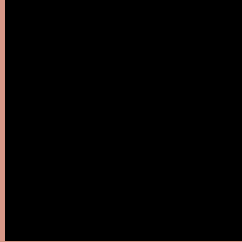
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6811, 0.3943, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 38.6811, 0.3943, 0.3490.



This preview shows how white text looks on a background with the Yxy color 38.6811, 0.3943, 0.3490.

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

38.6811, 0.3943, 0.3490

Protanopia

38.8507, 0.3425, 0.3628

Deuteranopia

38.8131, 0.3720, 0.3650



Tritanopia

38.7847, 0.3721, 0.3158

Trichromacy



Original Color

38.6811, 0.3943, 0.3490

Protanomaly

38.6813, 0.3608, 0.3588

Deuteranomaly

38.7595, 0.3794, 0.3590

Tritanomaly

38.6460, 0.3803, 0.3280

Monochromacy



Original Color

38.6811, 0.3943, 0.3490

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0678, 0.3403, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6811, 0.3943, 0.3490 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, 152, 136)` looks like.

```
.text, #text, p{  
    color:rgb(215, 152, 136)  
}
```

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, 152, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 152, 136) }
```

Border

The CSS property to change the border of an element to Yxy 38.6811, 0.3943, 0.3490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

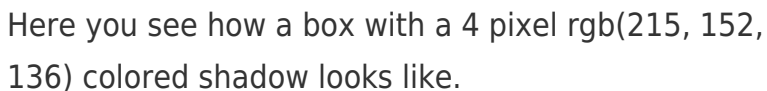
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 152, 136) }
```

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

```
.border{ border-color:rgb(215, 152, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 152, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 152, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 152, 136);  
box-shadow:4px 4px 4px 4px rgb(215, 152,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6811, 0.3943, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 152, 136) }
```

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

```
.background{ background-color: rgb(215,  
152, 136) }
```

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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