

Converting Colors

Yxy(50.8824, 0.3948, 0.3859)

Have a look what the booklet for
Yxy(50.8824, 0.3948, 0.3859)
contains.

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Color

Yxy(50.8824, 0.3948, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	E2B584
RGB	226, 181, 132
RGB Percent	89%, 71%, 52%
CMY	0.1137, 0.2902, 0.4823
CMYK	0.00, 0.20, 0.42, 0.11
HSL	31°, 62%, 70%
HSV	31°, 42%, 89%
XYZ	52.0559, 50.8824, 28.9155
YIQ	188.8690, 42.5490, -5.6990

Conversions

Conversions Part 2

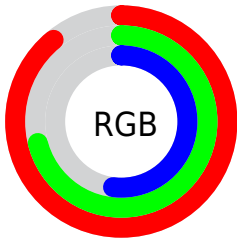
Format	Color
R _Y B	218, 226, 132
Decimal	14857604
CIE Lab	76.61, 9.91, 31.11
CIE LCh	77, 32.655, 72.326
Yxy	50.8824, 0.3948, 0.3859
Android (android.graphics.Color)	4293047684 (0xFFE2B584)
YUV	188.8690, -28.0364, 32.5639
Hunter-Lab	71.3319, 5.4332, 25.8982

Details

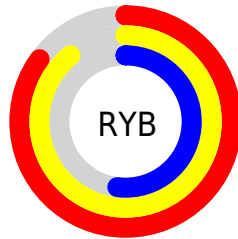
The Yxy color **50.8824, 0.3948, 0.3859** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8557, 0.2454, 0.2636**, and the grayscale version is **50.9577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3735, 0.3581, 0.3804**, and **24.4826, 0.4167, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **46.0995, 0.4201, 0.3988**, and if you desaturate by 10%, it is **56.1461, 0.3714, 0.3720**.

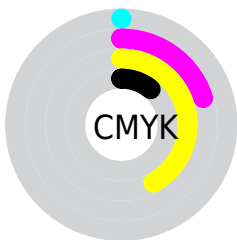
Distribution



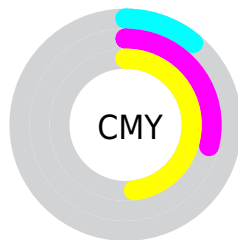
- Red (89%)
- Green (71%)
- Blue (52%)



- Red (85%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8824, 0.3948, 0.3859 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 50.8824, 0.3948, 0.3859 by changing the saturation by 10% instead.


 50.8824, 0.3948,
0.3859


 50.8824, 0.3948,
0.3859


390.1067, 0.3545,
0.3592


 36.1150, 0.4044,
0.3919


 91.4809, 0.3804,
0.3767

 24.5230, 0.4165,
0.3991


 118.0808, 0.3749,
0.3731

 15.7221, 0.4320,
0.4079


 149.3938, 0.3703,
0.3700

 9.3277, 0.4523,
0.4185

185.8040, 0.3662,
0.3673

 4.9555, 0.4794,
0.4308

227.6961, 0.3627,
0.3649

 2.2212, 0.5383,
0.4617

275.4543, 0.3597,

 0.7315, 0.5626,

0.3628

0.4374

329.4630, 0.3569,
0.3609

0.0000, 0.0000,
0.0000

50.8824, 0.3948,
0.3859

50.8824, 0.3948,
0.3859

46.0995, 0.4201,
0.3988

56.1461, 0.3714,
0.3720

41.7737, 0.4467,
0.4097

61.8988, 0.3503,
0.3579

37.8897, 0.4733,
0.4173

68.1576, 0.3316,
0.3441

34.4279, 0.4985,
0.4204

74.9361, 0.3151,
0.3310

31.3663, 0.5205,
0.4180

82.2478, 0.3007,
0.3187

■ 29.0744, 0.5363,
0.4123

■ 89.2649, 0.2951,
0.3198

■ 94.9101, 0.2952,
0.3289

Harmonies

Analogous

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



50.8824, 0.4003, 0.3531



50.8824, 0.3948, 0.3859



50.8824, 0.3666, 0.4066

Triad

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



50.8824, 0.3948, 0.3859



50.8824, 0.2486, 0.3358



50.8824, 0.2955, 0.2647

Complementary

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



50.8824, 0.3948, 0.3859



41.8557, 0.2454, 0.2636

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.



50.8824, 0.2579, 0.2576



50.8824, 0.3948, 0.3859



50.8824, 0.2324, 0.2948

Square

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



50.8824, 0.3948, 0.3859



50.8824, 0.2819, 0.3783



50.8824, 0.2357, 0.2675



50.8824, 0.3406, 0.2861

Rectangle

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



50.8824, 0.3948, 0.3859



50.8824, 0.3396, 0.4086



50.8824, 0.2357, 0.2675



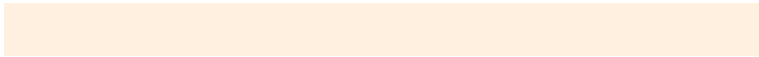
50.8824, 0.2816, 0.2606

Sweetspot

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



50.8848, 0.3948, 0.3859



89.1878, 0.3325, 0.3448



35.8715, 0.3670, 0.2765



18.8509, 0.3348, 0.3466



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.



50.8848, 0.3948, 0.3859



61.3634, 0.4169, 0.3973



71.9817, 0.3734, 0.4319



14.8764, 0.3279, 0.3412



16.8251, 0.5340, 0.4142



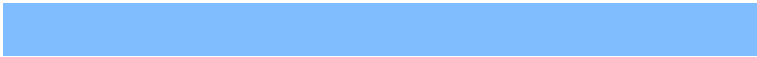
1.3453, 0.5116, 0.4320

Inverse Universe

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



41.8557, 0.2454, 0.2636



47.9756, 0.2313, 0.2467



27.0353, 0.2364, 0.2013



14.3209, 0.2981, 0.3165



9.5136, 0.1754, 0.1514



0.8380, 0.1834, 0.1801

Previews

White Background



This preview shows how the Yxy color 50.8824, 0.3948, 0.3859 looks on a white background.

Color Contrast Check

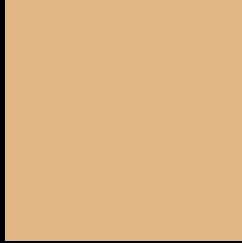
Large Text (above 18pt) WCAG AA × Fail

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 50.8824, 0.3948, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

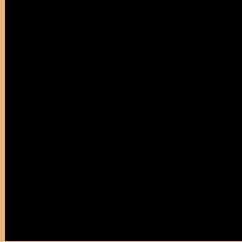
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8824, 0.3948, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 50.8824, 0.3948, 0.3859.



This preview shows how white text looks on a background with the Yxy color 50.8824, 0.3948, 0.3859.

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

50.8824, 0.3948, 0.3859

Protanopia

50.9818, 0.3688, 0.3961

Deuteranopia

50.8824, 0.3948, 0.3859



Tritanopia

50.8489, 0.3528, 0.3144

Trichromacy



Original Color

50.8824, 0.3948, 0.3859

Protanomaly

50.8361, 0.3781, 0.3922

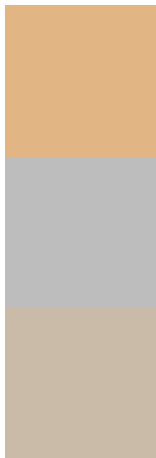
Deuteranomaly

50.8824, 0.3948, 0.3859

Tritanomaly

50.8923, 0.3682, 0.3407

Monochromacy



Original Color

50.8824, 0.3948, 0.3859

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5015, 0.3409, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8824, 0.3948, 0.3859 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(226, 181, 132)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 132)  
}
```

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(226, 181, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 132) }
```

Border

The CSS property to change the border of an element to Yxy 50.8824, 0.3948, 0.3859 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(226, 181, 132) }
```

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

```
.border{ border-color:rgb(226, 181, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 181, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 181, 132); box-shadow:4px 4px 4px 4px rgb(226, 181, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8824, 0.3948, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 132) }
```

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

```
.background{ background-color: rgb(226,  
181, 132) }
```

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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