

Converting Colors

$Yxy(58.9129, 0.3786, 0.3763)$

Have a look what the booklet for
Yxy(58.9129, 0.3786, 0.3763)
contains.

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Color

Yxy(58.8225, 0.3785, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	EAC399
RGB	234, 195, 153
RGB Percent	92%, 76%, 60%
CMY	0.0824, 0.2353, 0.3999
CMYK	0.00, 0.17, 0.35, 0.08
HSL	31°, 66%, 76%
HSV	31°, 35%, 92%
XYZ	59.1979, 58.8225, 38.3809
YIQ	201.8730, 36.7260, -4.7940

Conversions

Conversions Part 2

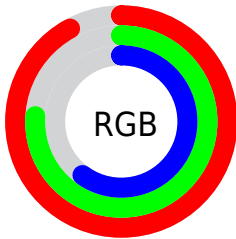
Format	Color
R _Y B	228, 234, 153
Decimal	15385497
CIE Lab	81.19, 8.06, 26.30
CIE LCh	81, 27.503, 72.961
Yxy	58.8225, 0.3785, 0.3761
Android (android.graphics.Color)	4293575577 (0xFFEAC399)
YUV	201.8730, -24.0944, 28.1754
Hunter-Lab	76.6958, 3.5580, 24.0166

Details

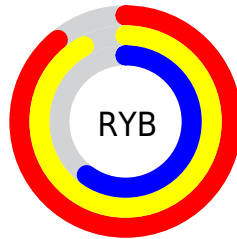
The Yxy color **58.8225, 0.3785, 0.3761** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.4231, 0.2569, 0.2765**, and the grayscale version is **59.1178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4349, 0.3411, 0.3723**, and **29.3562, 0.3951, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **53.2652, 0.4026, 0.3898**, and if you desaturate by 10%, it is **64.9180, 0.3566, 0.3620**.

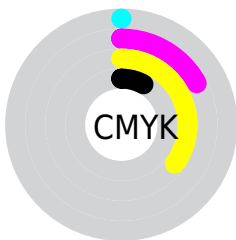
Distribution



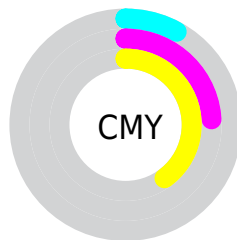
- Red (92%)
- Green (76%)
- Blue (60%)



- Red (89%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8225, 0.3785, 0.3761 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 58.8225, 0.3785, 0.3761 by changing the saturation by 10% instead.

 58.8225, 0.3785,
0.3761


 58.8225, 0.3785,
0.3761

420.2438, 0.3469,
0.3542

 42.4702, 0.3859,
0.3810

 103.1196, 0.3673,
0.3685

 29.4697, 0.3952,
0.3870


 131.8333, 0.3630,
0.3656

 19.4364, 0.4071,
0.3945


165.4363, 0.3594,
0.3631

 11.9860, 0.4227,
0.4038

204.3129, 0.3562,
0.3608

 6.7342, 0.4440,
0.4157

248.8475, 0.3534,
0.3589

 3.2964, 0.4749,
0.4313

299.4247, 0.3510,

 1.2884, 0.5371,

0.3572

0.4629

356.4286, 0.3488,
0.3556

0.1322, 0.7092,
0.2908

0.0000, 0.0000,
0.0000

58.8225, 0.3785,
0.3761

58.8225, 0.3785,
0.3761

53.2652, 0.4026,
0.3898

64.9180, 0.3566,
0.3620

48.2207, 0.4286,
0.4022

71.5597, 0.3371,
0.3481

43.6733, 0.4555,
0.4121

78.7660, 0.3199,
0.3349

39.6027, 0.4820,
0.4183

86.5514, 0.3048,
0.3224

■ 35.9870, 0.5065,
0.4197

■ 93.9242, 0.2999,
0.3254

■ 32.8007, 0.5275,
0.4155

■ 96.2323, 0.2999,
0.3290

■ 31.2431, 0.5374,
0.4115

Harmonies

Analogous

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



58.8225, 0.3830, 0.3500



58.8225, 0.3785, 0.3761



58.8225, 0.3559, 0.3915

Triad

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



58.8225, 0.3785, 0.3761



58.8225, 0.2604, 0.3341



58.8225, 0.2999, 0.2767

Complementary

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



58.8225, 0.3785, 0.3761



50.4231, 0.2569, 0.2765

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.



58.8225, 0.2690, 0.2708



58.8225, 0.3785, 0.3761



58.8225, 0.2472, 0.3015

Square

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



58.8225, 0.3785, 0.3761



58.8225, 0.2875, 0.3674



58.8225, 0.2503, 0.2791



58.8225, 0.3361, 0.2946

Rectangle

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



58.8225, 0.3785, 0.3761



58.8225, 0.3342, 0.3921



58.8225, 0.2503, 0.2791



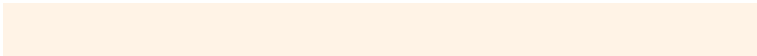
58.8225, 0.2886, 0.2733

Sweetspot

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



58.8252, 0.3785, 0.3761



90.8788, 0.3290, 0.3420



44.0959, 0.3550, 0.2853



19.1895, 0.3314, 0.3439



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.



58.8252, 0.3785, 0.3761



66.3073, 0.3966, 0.3866



78.4107, 0.3638, 0.4154



16.3459, 0.3280, 0.3412



17.8107, 0.5351, 0.4133



1.5911, 0.5147, 0.4295

Inverse Universe

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



50.4231, 0.2569, 0.2765



54.5729, 0.2443, 0.2626



35.6379, 0.2511, 0.2257



15.7460, 0.2981, 0.3165



10.1852, 0.1755, 0.1519



0.9916, 0.1827, 0.1776

Previews

White Background



This preview shows how the Yxy color 58.8225, 0.3785, 0.3761 looks on a white background.

Color Contrast Check

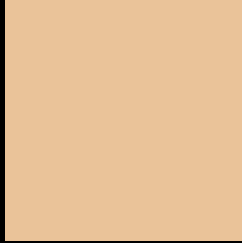
Large Text (above 18pt) WCAG AA × Fail

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 58.8225, 0.3785, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

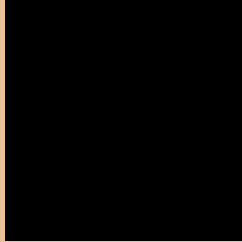
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8225, 0.3785, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 58.8225, 0.3785, 0.3761.



This preview shows how white text looks on a background with the Yxy color 58.8225, 0.3785, 0.3761.

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

58.8225, 0.3785, 0.3761

Protanopia

59.0884, 0.3577, 0.3832

Deuteranopia

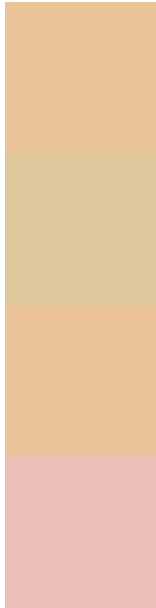
58.8880, 0.3815, 0.3746



Tritanopia

58.6290, 0.3434, 0.3128

Trichromacy



Original Color

58.8225, 0.3785, 0.3761

Protanomaly

58.7430, 0.3653, 0.3800

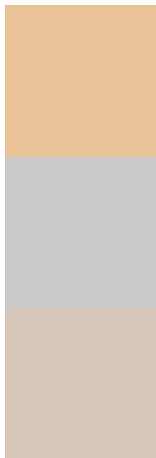
Deuteranomaly

58.7163, 0.3806, 0.3748

Tritanomaly

58.7689, 0.3560, 0.3357

Monochromacy



Original Color

58.8225, 0.3785, 0.3761

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6037, 0.3360, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8225, 0.3785, 0.3761 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(234, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 153)  
}
```

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(234, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 153) }
```

Border

The CSS property to change the border of an element to Yxy 58.8225, 0.3785, 0.3761 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(234, 195, 153) }
```

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

```
.border{ border-color:rgb(234, 195, 153) }
```

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

Here you see how a box with a 4 pixel rgb(234, 195, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8225, 0.3785, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 153) }
```

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

```
.background{ background-color: rgb(234,  
195, 153) }
```

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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