

Converting Colors

$Yxy(58.7662, 0.3777, 0.3667)$

Have a look what the booklet for
Yxy(58.7662, 0.3777, 0.3667)
contains.

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Color

Yxy(58.8203, 0.3778, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	EEC19F
RGB	238, 193, 159
RGB Percent	93%, 76%, 62%
CMY	0.0667, 0.2431, 0.3765
CMYK	0.00, 0.19, 0.33, 0.07
HSL	26°, 70%, 78%
HSV	26°, 33%, 93%
XYZ	60.5843, 58.8203, 40.9561
YIQ	202.5790, 37.7340, -1.0340

Conversions

Conversions Part 2

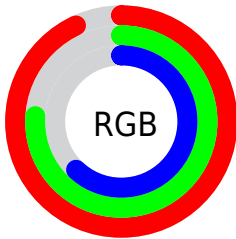
Format	Color
R_{YB}	238, 219, 159
Decimal	15647135
CIE _{Lab}	81.19, 11.37, 23.20
CIE _{LCh}	81, 25.839, 63.890
Yxy	58.8203, 0.3778, 0.3668
Android (android.graphics.Color)	4293837215 (0xFFEEC19F)
YUV	202.5790, -21.4844, 31.0642
Hunter-Lab	76.6944, 6.7898, 22.0242

Details

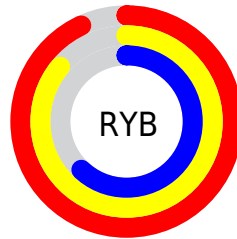
The Yxy color **58.8203, 0.3778, 0.3668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.7128, 0.2603, 0.2877**, and the grayscale version is **59.5633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8664, 0.3379, 0.3635**, and **29.3505, 0.3955, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **52.3554, 0.4037, 0.3784**, and if you desaturate by 10%, it is **65.9986, 0.3549, 0.3550**.

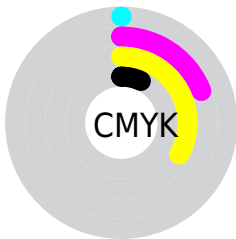
Distribution



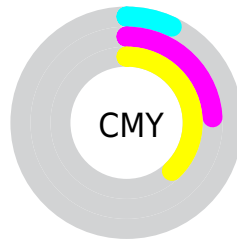
- Red (93%)
- Green (76%)
- Blue (62%)



- Red (93%)
- Yellow (86%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8203, 0.3778, 0.3668 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 58.8203, 0.3778, 0.3668 by changing the saturation by 10% instead.


 58.8203, 0.3778,
0.3668


 58.8203, 0.3778,
0.3668


420.2357, 0.3464,
0.3494

 42.4685, 0.3853,
0.3707


 103.1164, 0.3667,
0.3608

 29.4683, 0.3946,
0.3754


 131.8296, 0.3624,
0.3585

 19.4354, 0.4066,
0.3811


165.4319, 0.3588,
0.3565

 11.9853, 0.4226,
0.3883

204.3078, 0.3556,
0.3547

 6.7337, 0.4446,
0.3973

248.8418, 0.3529,
0.3532

 3.2961, 0.4764,
0.4081

299.4181, 0.3504,

 1.2882, 0.5565,

0.3518

0.4435

356.4213, 0.3483,
0.3505

0.1320, 0.7533,
0.2467

0.0000, 0.0000,
0.0000

58.8203, 0.3778,
0.3668

58.8203, 0.3778,
0.3668

52.3554, 0.4037,
0.3784

65.9986, 0.3549,
0.3550

46.5720, 0.4323,
0.3889

73.9047, 0.3349,
0.3434

41.4472, 0.4628,
0.3973

82.5628, 0.3177,
0.3324

36.9540, 0.4938,
0.4021

91.9933, 0.3029,
0.3221

■ 33.0622, 0.5232,
0.4023

■ 96.9152, 0.3023,
0.3290

■ 29.7382, 0.5487,
0.3969

■ 27.7747, 0.5635,
0.3908

Harmonies

Analogous

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



58.8203, 0.3761, 0.3407



58.8203, 0.3778, 0.3668



58.8203, 0.3612, 0.3849

Triad

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



58.8203, 0.3778, 0.3668



58.8203, 0.2701, 0.3438



58.8203, 0.2910, 0.2767

Complementary

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



58.8203, 0.3778, 0.3668



56.7128, 0.2603, 0.2877

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.



58.8203, 0.2648, 0.2751



58.8203, 0.3778, 0.3668



58.8203, 0.2532, 0.3119

Square

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



58.8203, 0.3778, 0.3668



58.8203, 0.2986, 0.3727



58.8203, 0.2514, 0.2872



58.8203, 0.3245, 0.2904

Rectangle

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



58.8203, 0.3778, 0.3668



58.8203, 0.3426, 0.3889



58.8203, 0.2514, 0.2872



58.8203, 0.2811, 0.2747

Sweetspot

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



58.8230, 0.3778, 0.3668



89.5493, 0.3292, 0.3398



47.3795, 0.3454, 0.2788



18.8683, 0.3318, 0.3414



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.



58.8230, 0.3778, 0.3668



63.4592, 0.3955, 0.3749



78.0572, 0.3648, 0.4057



16.8783, 0.3282, 0.3392



15.7428, 0.5608, 0.3929



1.5035, 0.5378, 0.4112

Inverse Universe

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



56.7128, 0.2603, 0.2877



60.6172, 0.2494, 0.2774



40.6600, 0.2540, 0.2386



16.7227, 0.2980, 0.3186



13.4520, 0.1838, 0.1816



1.3163, 0.1897, 0.2028

Previews

White Background



This preview shows how the Yxy color 58.8203, 0.3778, 0.3668 looks on a white background.

Color Contrast Check

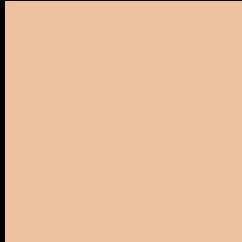
Large Text (above 18pt) WCAG AA × Fail

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 58.8203, 0.3778, 0.3668 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 58.8203, 0.3778, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 58.8203, 0.3778, 0.3668.

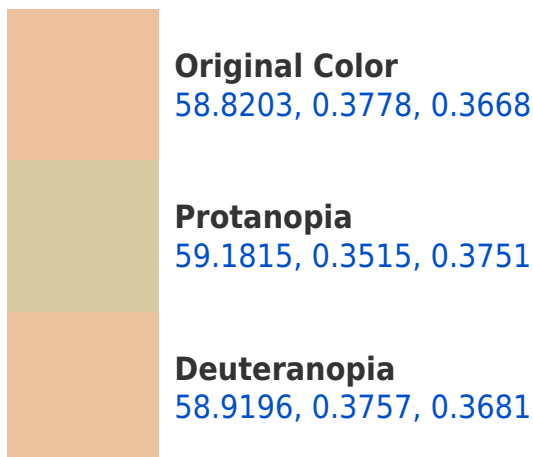


This preview shows how white text looks on a background with the Yxy color 58.8203, 0.3778, 0.3668.

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





Tritanopia

58.8596, 0.3478, 0.3130

Trichromacy



Original Color

58.8203, 0.3778, 0.3668

Protanomaly

59.1435, 0.3606, 0.3718

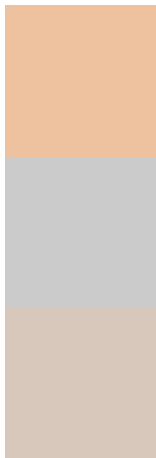
Deuteranomaly

59.0913, 0.3766, 0.3680

Tritanomaly

58.6411, 0.3590, 0.3324

Monochromacy



Original Color

58.8203, 0.3778, 0.3668

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0336, 0.3353, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8203, 0.3778, 0.3668 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(238, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 159)  
}
```

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(238, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 159) }
```

Border

The CSS property to change the border of an element to Yxy 58.8203, 0.3778, 0.3668 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(238, 193, 159) }
```

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

```
.border{ border-color:rgb(238, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8203, 0.3778, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 193, 159) }
```

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

```
.background{ background-color: rgb(238,  
193, 159) }
```

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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