

Converting Colors

Yxy(58.4552, 0.3868, 0.3789)

Have a look what the booklet for
Yxy(58.4552, 0.3868, 0.3789)
contains.

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Color

Yxy(58.4552, 0.3868, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	EEC194
RGB	238, 193, 148
RGB Percent	93%, 76%, 58%
CMY	0.0667, 0.2431, 0.4197
CMYK	0.00, 0.19, 0.38, 0.07
HSL	30°, 73%, 76%
HSV	30°, 38%, 93%
XYZ	59.6740, 58.4552, 36.1469
YIQ	201.3250, 41.2650, -4.4550

Conversions

Conversions Part 2

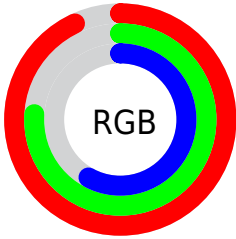
Format	Color
R _Y B	238, 238, 148
Decimal	15647124
CIE Lab	80.99, 10.07, 28.74
CIE LCh	81, 30.456, 70.684
Yxy	58.4552, 0.3868, 0.3789
Android (android.graphics.Color)	4293837204 (0xFFEEC194)
YUV	201.3250, -26.2892, 32.1640
Hunter-Lab	76.4560, 5.5214, 25.4881

Details

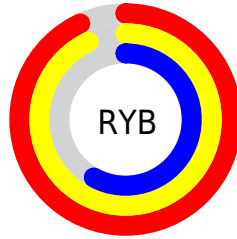
The Yxy color **58.4552, 0.3868, 0.3789** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5964, 0.2518, 0.2728**, and the grayscale version is **58.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2756, 0.3453, 0.3755**, and **29.4430, 0.4056, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **52.7302, 0.4121, 0.3918**, and if you desaturate by 10%, it is **64.7637, 0.3638, 0.3653**.

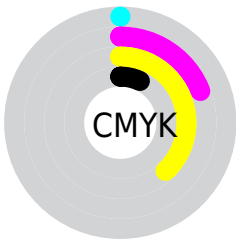
Distribution



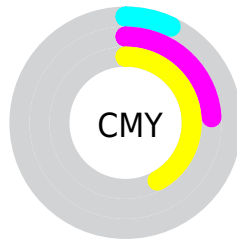
- Red (93%)
- Green (76%)
- Blue (58%)



- Red (93%)
- Yellow (93%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4552, 0.3868, 0.3789 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 58.4552, 0.3868, 0.3789 by changing the saturation by 10% instead.


 58.4552, 0.3868,
0.3789

 58.4552, 0.3868,
0.3789


418.8800, 0.3512,
0.3560

 42.1747, 0.3952,
0.3840


 102.5854, 0.3742,
0.3710

 29.2381, 0.4056,
0.3901

 131.2040, 0.3694,
0.3679

 19.2610, 0.4189,
0.3976


164.7040, 0.3653,
0.3653

 11.8590, 0.4363,
0.4069

203.4699, 0.3617,
0.3629

 6.6478, 0.4596,
0.4181

247.8860, 0.3585,
0.3609

 3.2428, 0.4960,
0.4342

298.3368, 0.3558,

 1.2598, 0.5494,

0.3590

0.4506

355.2067, 0.3533,
0.3574

0.1097, 0.7614,
0.2386

0.0000, 0.0000,
0.0000

58.4552, 0.3868,
0.3789

58.4552, 0.3868,
0.3789

52.7302, 0.4121,
0.3918

64.7637, 0.3638,
0.3653

47.5610, 0.4391,
0.4032

71.6658, 0.3433,
0.3518

42.9295, 0.4669,
0.4116

79.1816, 0.3252,
0.3387

38.8130, 0.4939,
0.4160

87.3277, 0.3095,
0.3264

■ 35.1860, 0.5184,
0.4151

■ 95.3238, 0.3024,
0.3265

■ 32.0176, 0.5388,
0.4088

■ 96.9172, 0.3023,
0.3290

■ 31.3809, 0.5430,
0.4071

Harmonies

Analogous

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



58.4552, 0.3902, 0.3494



58.4552, 0.3868, 0.3789



58.4552, 0.3628, 0.3976

Triad

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



58.4552, 0.3868, 0.3789



58.4552, 0.2567, 0.3374



58.4552, 0.2954, 0.2704

Complementary

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



58.4552, 0.3868, 0.3789



50.5964, 0.2518, 0.2728

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.



58.4552, 0.2622, 0.2650



58.4552, 0.3868, 0.3789



58.4552, 0.2410, 0.3007

Square

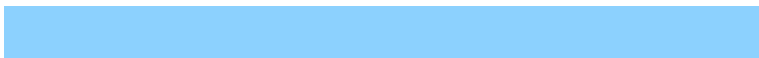
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.4552, 0.3868, 0.3789



58.4552, 0.2874, 0.3744



58.4552, 0.2430, 0.2751



58.4552, 0.3355, 0.2892

Rectangle

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



58.4552, 0.3868, 0.3789



58.4552, 0.3391, 0.3998



58.4552, 0.2430, 0.2751



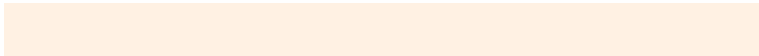
58.4552, 0.2832, 0.2670

Sweetspot

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



58.4579, 0.3868, 0.3789



89.7020, 0.3308, 0.3428



43.2014, 0.3590, 0.2796



18.9416, 0.3332, 0.3446



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

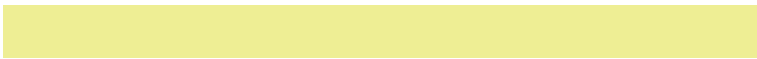
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.4579, 0.3868, 0.3789



63.3871, 0.4052, 0.3885



81.4639, 0.3695, 0.4229



17.0652, 0.3281, 0.3408



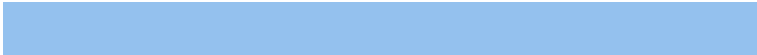
17.7664, 0.5406, 0.4090



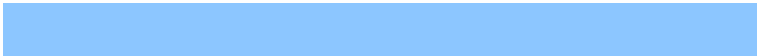
1.6770, 0.5204, 0.4250

Inverse Universe

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



50.5964, 0.2518, 0.2728



53.0248, 0.2399, 0.2595



33.6417, 0.2431, 0.2140



16.5341, 0.2980, 0.3169



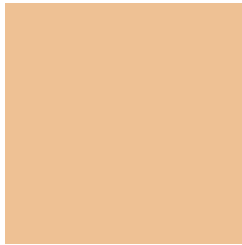
11.0580, 0.1772, 0.1578



1.1189, 0.1838, 0.1816

Previews

White Background



This preview shows how the Yxy color 58.4552, 0.3868, 0.3789 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 58.4552, 0.3868, 0.3789 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 58.4552, 0.3868, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 58.4552, 0.3868, 0.3789.



This preview shows how white text looks on a background with the Yxy color 58.4552, 0.3868, 0.3789.

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

58.4552, 0.3868, 0.3789

Protanopia

58.6392, 0.3619, 0.3867

Deuteranopia

58.4552, 0.3868, 0.3789



Tritanopia

58.3426, 0.3496, 0.3141

Trichromacy



Original Color

58.4552, 0.3868, 0.3789

Protanomaly

58.4698, 0.3704, 0.3832

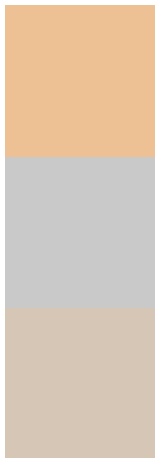
Deuteranomaly

58.4552, 0.3868, 0.3789

Tritanomaly

58.4322, 0.3632, 0.3379

Monochromacy



Original Color

58.4552, 0.3868, 0.3789

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0617, 0.3377, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4552, 0.3868, 0.3789 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 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(238, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 148) }
```

Border

The CSS property to change the border of an element to Yxy 58.4552, 0.3868, 0.3789 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, 148) }
```

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

```
.border{ border-color:rgb(238, 193, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4552, 0.3868, 0.3789 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, 148) }
```

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

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