

Converting Colors

$Yxy(55.7824, 0.3860, 0.3587)$

Have a look what the booklet for
Yxy(55.7824, 0.3860, 0.3587)
contains.

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Color

Yxy(55.5925, 0.3863, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	F2B89D
RGB	242, 184, 157
RGB Percent	95%, 72%, 62%
CMY	0.0511, 0.2784, 0.3844
CMYK	0.00, 0.24, 0.35, 0.05
HSL	19°, 77%, 78%
HSV	19°, 35%, 95%
XYZ	59.8367, 55.5925, 39.4677
YIQ	198.2640, 43.2350, 3.8990

Conversions

Conversions Part 2

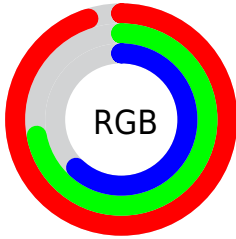
Format	Color
R _Y B	242, 197, 157
Decimal	15906973
CIE Lab	79.38, 17.40, 21.85
CIE LCh	79, 27.932, 51.464
Yxy	55.5925, 0.3863, 0.3589
Android (android.graphics.Color)	4294097053 (0xFFFF2B89D)
YUV	198.2640, -20.3432, 38.3565
Hunter-Lab	74.5604, 12.7703, 20.8077

Details

The Yxy color **55.5925, 0.3863, 0.3589** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1472, 0.2588, 0.2967**, and the grayscale version is **56.7474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3336, 0.3405, 0.3569**, and **27.4636, 0.4050, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **48.3877, 0.4157, 0.3674**, and if you desaturate by 10%, it is **63.7659, 0.3609, 0.3500**.

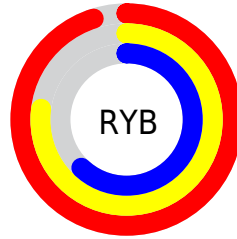
Distribution



Red (95%)

Green (72%)

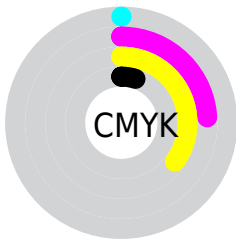
Blue (62%)



Red (95%)

Yellow (77%)

Blue (62%)

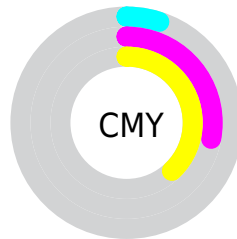


Cyan (0%)

Magenta (24%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (28%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5925, 0.3863, 0.3589 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 55.5925, 0.3863, 0.3589 by changing the saturation by 10% instead.


 55.5925, 0.3863,
0.3589

 55.5925, 0.3863,
0.3589


408.1540, 0.3503,
0.3455

 39.8763, 0.3950,
0.3618


 98.4085, 0.3734,
0.3544

 27.4421, 0.4059,
0.3652


 126.2771, 0.3685,
0.3526

 17.9055, 0.4201,
0.3693


158.9653, 0.3644,
0.3510

 10.8822, 0.4391,
0.3741

196.8575, 0.3608,
0.3496

 5.9877, 0.4658,
0.3795

240.3381, 0.3577,
0.3484

 2.8376, 0.5057,
0.3847

289.7914, 0.3549,

 1.0475, 0.5968,

0.3473

0.4032

345.6019, 0.3525,
0.3464

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5925, 0.3863,
0.3589

55.5925, 0.3863,
0.3589

48.3877, 0.4157,
0.3674

63.7659, 0.3609,
0.3500

42.1066, 0.4488,
0.3748

72.9350, 0.3393,
0.3413

36.7121, 0.4846,
0.3800

83.1355, 0.3210,
0.3330

32.1614, 0.5211,
0.3817

94.3989, 0.3055,
0.3253

■ 28.4075, 0.5551,
0.3788

■ 97.6128, 0.3047,
0.3290

■ 25.3978, 0.5832,
0.3710

■ 24.1757, 0.5946,
0.3661

Harmonies

Analogous

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



55.5925, 0.3757, 0.3289



55.5925, 0.3863, 0.3589



55.5925, 0.3758, 0.3836

Triad

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



55.5925, 0.3863, 0.3589



55.5925, 0.2775, 0.3597



55.5925, 0.2755, 0.2692

Complementary

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



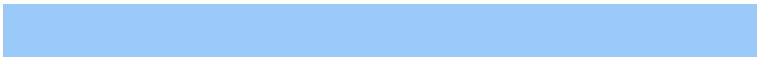
55.5925, 0.3863, 0.3589



62.1472, 0.2588, 0.2967

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.



55.5925, 0.2521, 0.2735



55.5925, 0.3863, 0.3589



55.5925, 0.2532, 0.3240

Square

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



55.5925, 0.3863, 0.3589



55.5925, 0.3121, 0.3868



55.5925, 0.2443, 0.2926



55.5925, 0.3099, 0.2791

Rectangle

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



55.5925, 0.3863, 0.3589



55.5925, 0.3588, 0.3932



55.5925, 0.2443, 0.2926



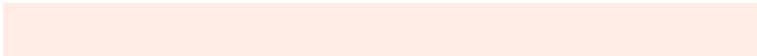
55.5925, 0.2662, 0.2690

Sweetspot

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



55.5951, 0.3863, 0.3589



86.7205, 0.3314, 0.3379



47.8912, 0.3401, 0.2673



18.2328, 0.3339, 0.3390



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.



55.5951, 0.3863, 0.3589



56.8368, 0.4064, 0.3649



75.9135, 0.3708, 0.4022



16.5794, 0.3285, 0.3366



13.2074, 0.5916, 0.3685



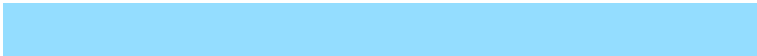
1.2712, 0.5659, 0.3888

Inverse Universe

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



62.1472, 0.2588, 0.2967



65.1849, 0.2487, 0.2891



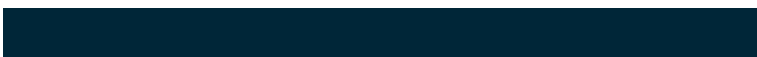
43.2972, 0.2515, 0.2432



17.0316, 0.2981, 0.3213



18.1623, 0.1949, 0.2217



1.6892, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 55.5925, 0.3863, 0.3589 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 55.5925, 0.3863, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

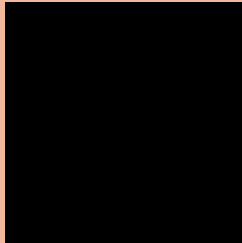
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5925, 0.3863, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 55.5925, 0.3863, 0.3589.



This preview shows how white text looks on a background with the Yxy color 55.5925, 0.3863, 0.3589.

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

55.5925, 0.3863, 0.3589

Protanopia

55.9867, 0.3477, 0.3701

Deuteranopia

55.6185, 0.3748, 0.3668



Tritanopia

55.6833, 0.3596, 0.3141

Trichromacy



Original Color

55.5925, 0.3863, 0.3589

Protanomaly

55.4881, 0.3609, 0.3655

Deuteranomaly

55.4334, 0.3790, 0.3641

Tritanomaly

55.7555, 0.3697, 0.3303

Monochromacy



Original Color

55.5925, 0.3863, 0.3589

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8550, 0.3378, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5925, 0.3863, 0.3589 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(242, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 157)  
}
```

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(242, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.5925, 0.3863, 0.3589 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(242, 184, 157) }
```

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

```
.border{ border-color:rgb(242, 184, 157) }
```

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

Here you see how a box with a 4 pixel rgb(242, 184, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5925, 0.3863, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 157) }
```

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

```
.background{ background-color: rgb(242,  
184, 157) }
```

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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