

Converting Colors

$Yxy(58.3147, 0.3957, 0.3767)$

Have a look what the booklet for
Yxy(58.3147, 0.3957, 0.3767)
contains.

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Color

Yxy(58.3147, 0.3957, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	F5BE92
RGB	245, 190, 146
RGB Percent	96%, 75%, 57%
CMY	0.0393, 0.2549, 0.4273
CMYK	0.00, 0.22, 0.40, 0.04
HSL	27°, 83%, 77%
HSV	27°, 40%, 96%
XYZ	61.2560, 58.3147, 35.2334
YIQ	201.4290, 46.9040, -2.0240

Conversions

Conversions Part 2

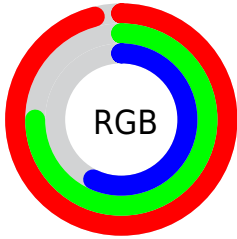
Format	Color
R _Y B	245, 225, 146
Decimal	16105106
CIE Lab	80.91, 14.16, 29.78
CIE LCh	81, 32.979, 64.573
Yxy	58.3147, 0.3957, 0.3767
Android (android.graphics.Color)	4294295186 (0xFFFF5BE92)
YUV	201.4290, -27.3265, 38.2118
Hunter-Lab	76.3641, 9.5479, 26.0992

Details

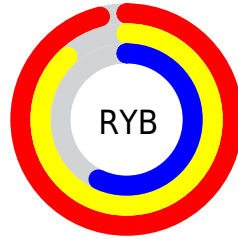
The Yxy color **58.3147, 0.3957, 0.3767** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4816, 0.2486, 0.2752**, and the grayscale version is **58.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3417, 0.3471, 0.3747**, and **29.2823, 0.4167, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **52.0111, 0.4232, 0.3880**, and if you desaturate by 10%, it is **65.3378, 0.3709, 0.3646**.

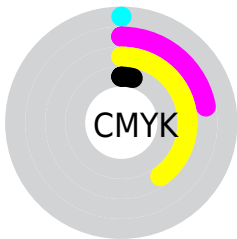
Distribution



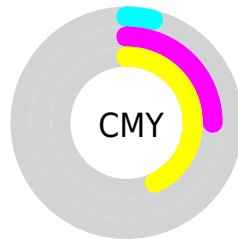
- Red (96%)
- Green (75%)
- Blue (57%)



- Red (96%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3147, 0.3957, 0.3767 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 58.3147, 0.3957, 0.3767 by changing the saturation by 10% instead.

 58.3147, 0.3957,
0.3767


 58.3147, 0.3957,
0.3767


418.3576, 0.3557,
0.3552

 42.0617, 0.4051,
0.3813


 102.3810, 0.3816,
0.3694

 29.1496, 0.4168,
0.3868


 130.9631, 0.3761,
0.3665

 19.1940, 0.4317,
0.3934


164.4236, 0.3715,
0.3640

 11.8106, 0.4512,
0.4012

203.1471, 0.3675,
0.3618

 6.6148, 0.4774,
0.4100

247.5178, 0.3640,
0.3599

 3.2224, 0.5193,
0.4231

297.9202, 0.3609,

 1.2489, 0.5731,

0.3581

0.4269

354.7386, 0.3582,
0.3566

0.1011, 0.8137,
0.1863

0.0000, 0.0000,
0.0000

58.3147, 0.3957,
0.3767

58.3147, 0.3957,
0.3767

52.0111, 0.4232,
0.3880

65.3378, 0.3709,
0.3646

46.3932, 0.4529,
0.3974

73.0961, 0.3489,
0.3524

41.4363, 0.4833,
0.4036

81.6152, 0.3298,
0.3406

37.1106, 0.5127,
0.4055

90.9166, 0.3133,
0.3294

■ 33.3827, 0.5389,
0.4019

■ 98.1498, 0.3066,
0.3290

■ 30.3218, 0.5598,
0.3937

Harmonies

Analogous

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



58.3147, 0.3945, 0.3436



58.3147, 0.3957, 0.3767



58.3147, 0.3735, 0.4005

Triad

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



58.3147, 0.3957, 0.3767



58.3147, 0.2577, 0.3467



58.3147, 0.2857, 0.2635

Complementary

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



58.3147, 0.3957, 0.3767



54.4816, 0.2486, 0.2752

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.



58.3147, 0.2526, 0.2608



58.3147, 0.3957, 0.3767



58.3147, 0.2373, 0.3054

Square

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



58.3147, 0.3957, 0.3767



58.3147, 0.2932, 0.3852



58.3147, 0.2356, 0.2749



58.3147, 0.3284, 0.2810

Rectangle

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



58.3147, 0.3957, 0.3767



58.3147, 0.3494, 0.4063



58.3147, 0.2356, 0.2749



58.3147, 0.2731, 0.2608

Sweetspot

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



58.3175, 0.3957, 0.3767



87.8125, 0.3328, 0.3425



44.2464, 0.3568, 0.2694



18.5276, 0.3352, 0.3440



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.



58.3175, 0.3957, 0.3767



58.4828, 0.4167, 0.3855



82.8615, 0.3757, 0.4234



17.6949, 0.3282, 0.3396



16.6036, 0.5570, 0.3959



1.6609, 0.5355, 0.4130

Inverse Universe

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



54.4816, 0.2486, 0.2752



53.7613, 0.2368, 0.2627



35.3664, 0.2388, 0.2129



17.4536, 0.2980, 0.3182



13.3353, 0.1824, 0.1766



1.3769, 0.1882, 0.1974

Previews

White Background



This preview shows how the Yxy color 58.3147, 0.3957, 0.3767 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 58.3147, 0.3957, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

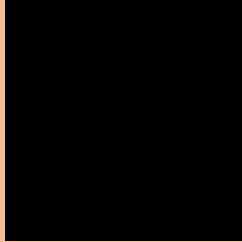
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3147, 0.3957, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 58.3147, 0.3957, 0.3767.



This preview shows how white text looks on a background with the Yxy color 58.3147, 0.3957, 0.3767.

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

58.3147, 0.3957, 0.3767

Protanopia

58.4547, 0.3618, 0.3880

Deuteranopia

58.5350, 0.3901, 0.3820



Tritanopia

58.2222, 0.3587, 0.3143

Trichromacy



Original Color

58.3147, 0.3957, 0.3767

Protanomaly

58.2712, 0.3741, 0.3841

Deuteranomaly

58.4444, 0.3922, 0.3806

Tritanomaly

58.2886, 0.3726, 0.3378

Monochromacy



Original Color

58.3147, 0.3957, 0.3767

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0204, 0.3411, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3147, 0.3957, 0.3767 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(245, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 146)  
}
```

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(245, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 146) }
```

Border

The CSS property to change the border of an element to Yxy 58.3147, 0.3957, 0.3767 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(245, 190, 146) }
```

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

```
.border{ border-color:rgb(245, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3147, 0.3957, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 146) }
```

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

```
.background{ background-color: rgb(245,  
190, 146) }
```

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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