

Converting Colors

$Yxy(59.8433, 0.4062, 0.3784)$

Have a look what the booklet for
Yxy(59.8433, 0.4062, 0.3784)
contains.

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Color

Yxy(59.8809, 0.4059, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	FEBE8F
RGB	254, 190, 143
RGB Percent	100%, 75%, 56%
CMY	0.0038, 0.2549, 0.4392
CMYK	0.00, 0.25, 0.44, 0.00
HSL	25°, 98%, 78%
HSV	25°, 44%, 100%
XYZ	64.2497, 59.8809, 34.1589
YIQ	203.7780, 53.2310, -1.0490

Conversions

Conversions Part 2

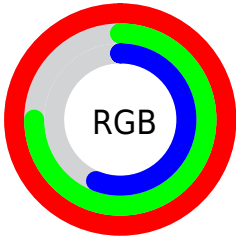
Format	Color
R_{YB}	254, 225, 143
Decimal	16694927
CIE _{Lab}	81.77, 17.38, 32.68
CIE _{LCh}	82, 37.011, 61.997
Yxy	59.8809, 0.4059, 0.3783
Android (android.graphics.Color)	4294885007 (0xFFFE8F)
YUV	203.7780, -29.9636, 44.0447
Hunter-Lab	77.3828, 12.7859, 27.9957

Details

The Yxy color **59.8809, 0.4059, 0.3783** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6339, 0.2438, 0.2727**, and the grayscale version is **60.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2028, 0.3490, 0.3777**, and **30.2661, 0.4288, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **53.1691, 0.4350, 0.3886**, and if you desaturate by 10%, it is **67.4106, 0.3796, 0.3669**.

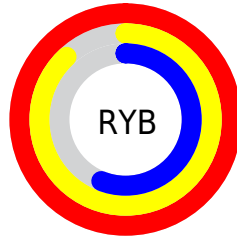
Distribution



Red (100%)

Green (75%)

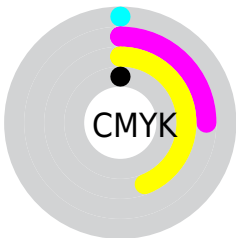
Blue (56%)



Red (100%)

Yellow (88%)

Blue (56%)

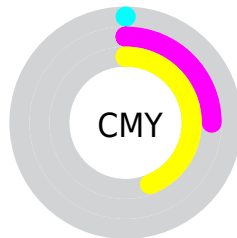


Cyan (0%)

Magenta (25%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8809, 0.4059, 0.3783 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 59.8809, 0.4059, 0.3783 by changing the saturation by 10% instead.


 59.8809, 0.4059,
0.3783

 59.8809, 0.4059,
0.3783


424.1586, 0.3612,
0.3566

 43.3226, 0.4163,
0.3828


 104.6569, 0.3902,
0.3711

 30.1383, 0.4292,
0.3880


 133.6434, 0.3841,
0.3682

 19.9436, 0.4455,
0.3941


167.5414, 0.3790,
0.3657

 12.3541, 0.4666,
0.4010

206.7354, 0.3745,
0.3634

 6.9853, 0.4945,
0.4080

251.6098, 0.3705,
0.3614

 3.4529, 0.5398,
0.4190

302.5488, 0.3671,

 1.3725, 0.5880,

0.3596

0.4120

359.9370, 0.3640,
0.3580

0.1963, 0.7568,
0.2432

0.0000, 0.0000,
0.0000

59.8809, 0.4059,
0.3783

59.8809, 0.4059,
0.3783

53.1691, 0.4350,
0.3886

67.4106, 0.3796,
0.3669

47.2358, 0.4661,
0.3966

75.7782, 0.3563,
0.3552

42.0510, 0.4975,
0.4010

85.0139, 0.3360,
0.3438

37.5784, 0.5272,
0.4006

95.1434, 0.3185,
0.3329

■ 33.7772, 0.5526,
0.3946

99.8144, 0.3121,
0.3290

■ 31.7009, 0.5662,
0.3886

Harmonies

Analogous

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



59.8809, 0.4024, 0.3413



59.8809, 0.4059, 0.3783



59.8809, 0.3829, 0.4066

Triad

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



59.8809, 0.4059, 0.3783



59.8809, 0.2545, 0.3527



59.8809, 0.2789, 0.2560

Complementary

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



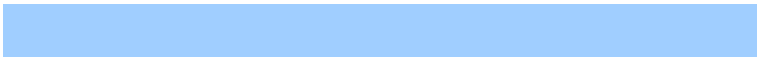
59.8809, 0.4059, 0.3783



57.6339, 0.2438, 0.2727

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.



59.8809, 0.2439, 0.2542



59.8809, 0.4059, 0.3783



59.8809, 0.2306, 0.3060

Square

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



59.8809, 0.4059, 0.3783



59.8809, 0.2947, 0.3950



59.8809, 0.2270, 0.2710



59.8809, 0.3257, 0.2739

Rectangle

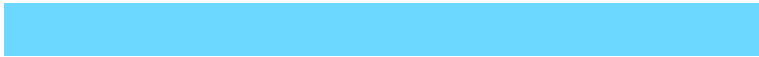
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.8809, 0.4059, 0.3783



59.8809, 0.3568, 0.4150



59.8809, 0.2270, 0.2710



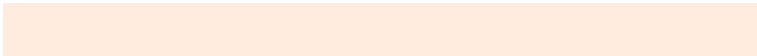
59.8809, 0.2654, 0.2534

Sweetspot

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



59.8838, 0.4059, 0.3783



86.4495, 0.3347, 0.3430



45.2625, 0.3602, 0.2627



18.0441, 0.3389, 0.3455



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.



59.8838, 0.4059, 0.3783



54.7281, 0.4299, 0.3870



88.2219, 0.3816, 0.4293



19.2510, 0.3284, 0.3391



16.9877, 0.5634, 0.3908



1.8649, 0.5432, 0.4069

Inverse Universe

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



57.6339, 0.2438, 0.2727



52.1729, 0.2316, 0.2597



35.5359, 0.2320, 0.2036



19.1176, 0.2979, 0.3187



14.9872, 0.1844, 0.1838



1.6758, 0.1894, 0.2018

Previews

White Background



This preview shows how the Yxy color 59.8809, 0.4059, 0.3783 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 59.8809, 0.4059, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

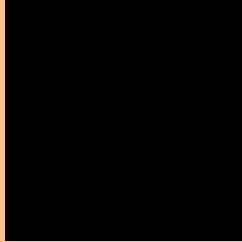
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8809, 0.4059, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 59.8809, 0.4059, 0.3783.



This preview shows how white text looks on a background with the Yxy color 59.8809, 0.4059, 0.3783.

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

59.8809, 0.4059, 0.3783

Protanopia

59.9419, 0.3660, 0.3918

Deuteranopia

60.0379, 0.3950, 0.3865



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

59.8809, 0.4059, 0.3783

Protanomaly

59.6506, 0.3804, 0.3863

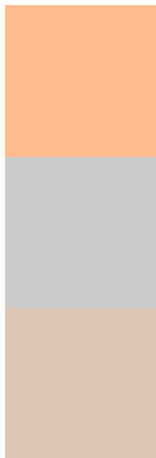
Deuteranomaly

59.8671, 0.3993, 0.3837

Tritanomaly

59.9750, 0.3792, 0.3397

Monochromacy



Original Color

59.8809, 0.4059, 0.3783

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7538, 0.3441, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8809, 0.4059, 0.3783 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(254, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 143)  
}
```

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(254, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.8809, 0.4059, 0.3783 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(254, 190, 143) }
```

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

```
.border{ border-color:rgb(254, 190, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 190, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8809, 0.4059, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 143) }
```

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

```
.background{ background-color: rgb(254,  
190, 143) }
```

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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