

Converting Colors

$Y_{xy}(63.6062, 0.4263, 0.3758)$

Have a look what the booklet for
Yxy(63.6062, 0.4263, 0.3758)
contains.

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Color

Yxy(59.5783, 0.4089, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD8D
RGB	255, 189, 141
RGB Percent	100%, 74%, 55%
CMY	0.0000, 0.2589, 0.4470
CMYK	0.00, 0.26, 0.45, 0.00
HSL	25°, 100%, 78%
HSV	25°, 45%, 100%
XYZ	64.2616, 59.5783, 33.3173
YIQ	203.2620, 54.7440, -0.9360

Conversions

Conversions Part 2

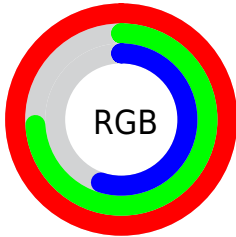
Format	Color
R_{YB}	255, 224, 141
Decimal	16760205
CIE _{Lab}	81.61, 18.12, 33.52
CIE _{LCh}	82, 38.100, 61.610
Yxy	59.5783, 0.4089, 0.3791
Android (android.graphics.Color)	4294950285 (0xFFFFBD8D)
YUV	203.2620, -30.6952, 45.3742
Hunter-Lab	77.1870, 13.5320, 28.4387

Details

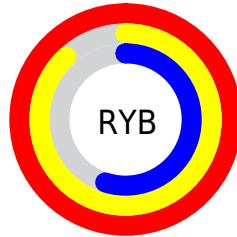
The Yxy color **59.5783, 0.4089, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.5263, 0.2424, 0.2715**, and the grayscale version is **60.0578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5049, 0.3505, 0.3788**, and **30.0823, 0.4327, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **52.8636, 0.4383, 0.3891**, and if you desaturate by 10%, it is **67.0992, 0.3821, 0.3679**.

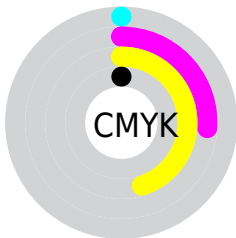
Distribution



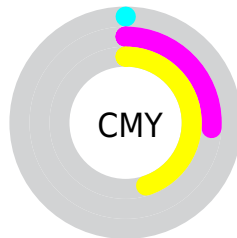
- Red (100%)
- Green (74%)
- Blue (55%)



- Red (100%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5783, 0.4089, 0.3791 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 59.5783, 0.4089, 0.3791 by changing the saturation by 10% instead.

 59.5783, 0.4089,
0.3791


 59.5783, 0.4089,
0.3791

423.0417, 0.3628,
0.3571


 43.0788, 0.4196,
0.3836


 104.2177, 0.3927,
0.3718

 29.9470, 0.4329,
0.3888


 133.1264, 0.3864,
0.3689

 19.7983, 0.4497,
0.3948


 166.9403, 0.3811,
0.3663

 12.2485, 0.4714,
0.4015

206.0438, 0.3764,
0.3641

 6.9132, 0.4999,
0.4081

250.8213, 0.3724,
0.3620

 3.4079, 0.5481,
0.4197

301.6572, 0.3688,

 1.3482, 0.5925,

0.3602

0.4075

358.9358, 0.3656,
0.3586

0.1781, 0.7745,
0.2255

0.0000, 0.0000,
0.0000

59.5783, 0.4089,
0.3791

59.5783, 0.4089,
0.3791

52.8636, 0.4383,
0.3891

67.0992, 0.3821,
0.3679

46.9470, 0.4696,
0.3968

75.4792, 0.3585,
0.3562

41.7869, 0.5011,
0.4007

84.7382, 0.3379,
0.3448

37.3461, 0.5306,
0.3997

94.9027, 0.3202,
0.3339

■ 33.5824, 0.5556,
0.3931

100.0000, 0.3127,
0.3290

■ 31.8393, 0.5670,
0.3880

Harmonies

Analogous

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



59.5783, 0.4049, 0.3409



59.5783, 0.4089, 0.3791



59.5783, 0.3854, 0.4086

Triad

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



59.5783, 0.4089, 0.3791



59.5783, 0.2531, 0.3540



59.5783, 0.2772, 0.2538

Complementary

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



59.5783, 0.4089, 0.3791



57.5263, 0.2424, 0.2715

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.



59.5783, 0.2415, 0.2522



59.5783, 0.4089, 0.3791



59.5783, 0.2284, 0.3057

Square

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



59.5783, 0.4089, 0.3791



59.5783, 0.2946, 0.3977



59.5783, 0.2245, 0.2695



59.5783, 0.3254, 0.2720

Rectangle

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



59.5783, 0.4089, 0.3791



59.5783, 0.3586, 0.4176



59.5783, 0.2245, 0.2695



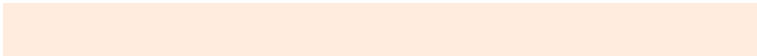
59.5783, 0.2635, 0.2513

Sweetspot

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



59.5705, 0.4088, 0.3791



86.4015, 0.3347, 0.3429



44.8440, 0.3617, 0.2612



18.0323, 0.3389, 0.3454



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.



59.5705, 0.4088, 0.3791



53.3069, 0.4362, 0.3885



88.7921, 0.3831, 0.4314



19.2433, 0.3284, 0.3390



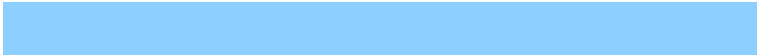
16.9166, 0.5641, 0.3903



1.8576, 0.5439, 0.4064

Inverse Universe

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



57.5263, 0.2424, 0.2715



50.9801, 0.2288, 0.2569



34.8611, 0.2299, 0.2002



19.1255, 0.2979, 0.3187



15.0915, 0.1846, 0.1846



1.6857, 0.1896, 0.2026

Previews

White Background



This preview shows how the Yxy color 59.5783, 0.4089, 0.3791 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 59.5783, 0.4089, 0.3791 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 59.5783, 0.4089, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 59.5783, 0.4089, 0.3791.



This preview shows how white text looks on a background with the Yxy color 59.5783, 0.4089, 0.3791.

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

59.5783, 0.4089, 0.3791

Protanopia

59.8785, 0.3675, 0.3941

Deuteranopia

59.5317, 0.3970, 0.3876



Tritanopia

59.5265, 0.3636, 0.3167

Trichromacy



Original Color

59.5783, 0.4089, 0.3791

Protanomaly

59.5883, 0.3820, 0.3885

Deuteranomaly

59.3669, 0.4014, 0.3847

Tritanomaly

59.5124, 0.3803, 0.3397

Monochromacy



Original Color

59.5783, 0.4089, 0.3791

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2130, 0.3459, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5783, 0.4089, 0.3791 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(255, 189, 141)` looks like.

```
.text, #text, p{  
  color:rgb(255, 189, 141)  
}
```

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(255, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 141) }
```

Border

The CSS property to change the border of an element to Yxy 59.5783, 0.4089, 0.3791 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(255, 189, 141) }
```

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

```
.border{ border-color:rgb(255, 189, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5783, 0.4089, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 141) }
```

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

```
.background{ background-color: rgb(255,  
189, 141) }
```

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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