

Converting Colors

$Y_{xy}(73.1659, 0.4630, 0.3713)$

Have a look what the booklet for
Yxy(73.1659, 0.4630, 0.3713)
contains.

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Color

Yxy(59.0040, 0.4134, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	FFBC88
RGB	255, 188, 136
RGB Percent	100%, 74%, 53%
CMY	0.0002, 0.2626, 0.4667
CMYK	0.00, 0.26, 0.47, 0.00
HSL	26°, 100%, 77%
HSV	26°, 47%, 100%
XYZ	63.6541, 59.0040, 31.3189
YIQ	202.1050, 56.6240, -1.9680

Conversions

Conversions Part 2

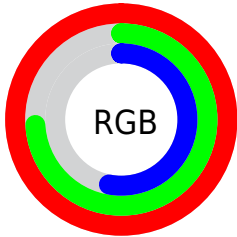
Format	Color
R _Y B	255, 228, 136
Decimal	16759944
CIE Lab	81.29, 18.08, 35.73
CIE LCh	81, 40.043, 63.152
Yxy	59.0040, 0.4134, 0.3832
Android (android.graphics.Color)	4294950024 (0xFFFFBC88)
YUV	202.1050, -32.5898, 46.3889
Hunter-Lab	76.8141, 13.4944, 29.5959

Details

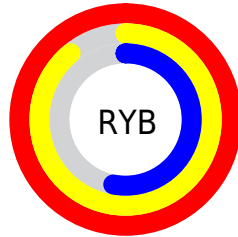
The Yxy color **59.0040, 0.4134, 0.3832** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1194, 0.2390, 0.2660**, and the grayscale version is **59.3122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6791, 0.3539, 0.3829**, and **29.7196, 0.4387, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **52.5386, 0.4427, 0.3933**, and if you desaturate by 10%, it is **66.2566, 0.3866, 0.3717**.

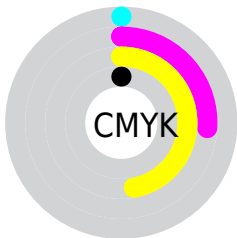
Distribution



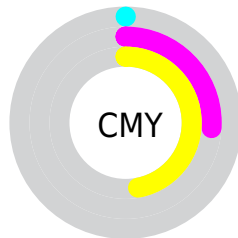
- Red (100%)
- Green (74%)
- Blue (53%)



- Red (100%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0040, 0.4134, 0.3832 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 59.0040, 0.4134, 0.3832 by changing the saturation by 10% instead.

 59.0040, 0.4134,
0.3832


 59.0040, 0.4134,
0.3832


420.9167, 0.3652,
0.3595

 42.6163, 0.4246,
0.3880


 103.3835, 0.3965,
0.3754

 29.5842, 0.4384,
0.3936


 132.1441, 0.3899,
0.3722

 19.5232, 0.4557,
0.3999


 165.7978, 0.3843,
0.3694

 12.0489, 0.4780,
0.4068

204.7290, 0.3795,
0.3670

 6.7770, 0.5069,
0.4133

249.3221, 0.3752,
0.3648

 3.3230, 0.5618,
0.4293

299.9615, 0.3715,

 1.3026, 0.5934,

0.3628

0.4066

357.0316, 0.3681,
0.3611

0.1432, 0.8013,
0.1987

0.0000, 0.0000,
0.0000

59.0040, 0.4134,
0.3832

59.0040, 0.4134,
0.3832

52.5386, 0.4427,
0.3933

66.2566, 0.3866,
0.3717

46.8216, 0.4734,
0.4007

74.3159, 0.3626,
0.3596

41.8234, 0.5039,
0.4041

83.2113, 0.3416,
0.3477

37.5079, 0.5318,
0.4023

92.9681, 0.3234,
0.3363

■ 33.8338, 0.5552,
0.3950

99.9917, 0.3127,
0.3290

■ 32.7369, 0.5622,
0.3918

Harmonies

Analogous

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



59.0040, 0.4110, 0.3433



59.0040, 0.4134, 0.3832



59.0040, 0.3871, 0.4138

Triad

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



59.0040, 0.4134, 0.3832



59.0040, 0.2481, 0.3526



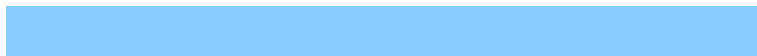
59.0040, 0.2776, 0.2507

Complementary

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



59.0040, 0.4134, 0.3832



55.1194, 0.2390, 0.2660

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.



59.0040, 0.2394, 0.2479



59.0040, 0.4134, 0.3832



59.0040, 0.2234, 0.3018

Square

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



59.0040, 0.4134, 0.3832



59.0040, 0.2910, 0.3998



59.0040, 0.2205, 0.2648



59.0040, 0.3287, 0.2706

Rectangle

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



59.0040, 0.4134, 0.3832



59.0040, 0.3583, 0.4228



59.0040, 0.2205, 0.2648



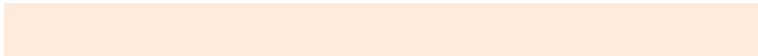
59.0040, 0.2630, 0.2478

Sweetspot

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



59.0069, 0.4134, 0.3832



85.7595, 0.3365, 0.3446



43.1857, 0.3668, 0.2603



17.9190, 0.3406, 0.3471



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.



59.0069, 0.4134, 0.3832



52.9653, 0.4407, 0.3927



89.5653, 0.3852, 0.4371



19.2944, 0.3283, 0.3394



17.3973, 0.5593, 0.3941



1.9068, 0.5396, 0.4098

Inverse Universe

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



55.1194, 0.2390, 0.2660



48.6111, 0.2254, 0.2505



32.3701, 0.2253, 0.1912



19.0733, 0.2979, 0.3183



14.4108, 0.1830, 0.1788



1.6208, 0.1882, 0.1974

Previews

White Background



This preview shows how the Yxy color 59.0040, 0.4134, 0.3832 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 59.0040, 0.4134, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

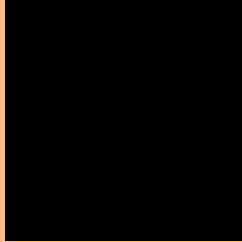
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0040, 0.4134, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 59.0040, 0.4134, 0.3832.



This preview shows how white text looks on a background with the Yxy color 59.0040, 0.4134, 0.3832.

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

59.0040, 0.4134, 0.3832

Protanopia

59.0995, 0.3708, 0.3990

Deuteranopia

58.9439, 0.4015, 0.3917



Tritanopia

59.0671, 0.3647, 0.3167

Trichromacy



Original Color

59.0040, 0.4134, 0.3832

Protanomaly

58.8149, 0.3854, 0.3932

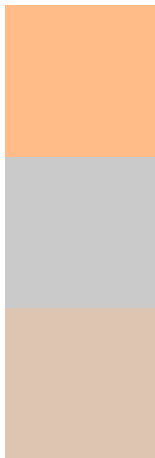
Deuteranomaly

58.7850, 0.4059, 0.3888

Tritanomaly

59.0139, 0.3824, 0.3408

Monochromacy



Original Color

59.0040, 0.4134, 0.3832

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5190, 0.3468, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0040, 0.4134, 0.3832 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, 188, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 136)  
}
```

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, 188, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 136) }
```

Border

The CSS property to change the border of an element to Yxy 59.0040, 0.4134, 0.3832 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, 188, 136) }
```

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

```
.border{ border-color:rgb(255, 188, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0040, 0.4134, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 136) }
```

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

```
.background{ background-color: rgb(255,  
188, 136) }
```

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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