

Converting Colors

$Y_{xy}(100.0000, 0.5113, 0.3580)$

Have a look what the booklet for
Yxy(100.0000, 0.5113, 0.3580)
contains.

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Color

Yxy(59.5486, 0.4097, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD8C
RGB	255, 189, 140
RGB Percent	100%, 74%, 55%
CMY	0.0000, 0.2588, 0.4511
CMYK	0.00, 0.26, 0.45, 0.00
HSL	26°, 100%, 77%
HSV	26°, 45%, 100%
XYZ	64.1690, 59.5486, 32.9068
YIQ	203.1480, 55.0650, -1.2470

Conversions

Conversions Part 2

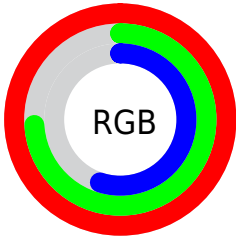
Format	Color
R _Y B	255, 225, 140
Decimal	16760204
CIE Lab	81.59, 17.97, 34.05
CIE LCh	82, 38.500, 62.168
Yxy	59.5486, 0.4097, 0.3802
Android (android.graphics.Color)	4294950284 (0xFFFFBD8C)
YUV	203.1480, -31.1320, 45.4742
Hunter-Lab	77.1677, 13.3886, 28.7343

Details

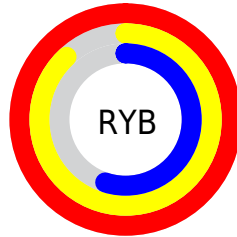
The Yxy color **59.5486, 0.4097, 0.3802** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9111, 0.2416, 0.2701**, and the grayscale version is **59.9919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4599, 0.3511, 0.3798**, and **30.0654, 0.4338, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **52.9050, 0.4390, 0.3903**, and if you desaturate by 10%, it is **67.0066, 0.3830, 0.3688**.

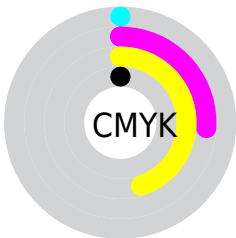
Distribution



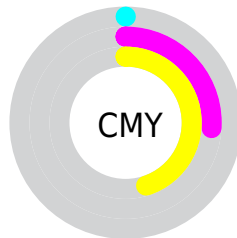
- Red (100%)
- Green (74%)
- Blue (55%)



- 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 59.5486, 0.4097, 0.3802 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 59.5486, 0.4097, 0.3802 by changing the saturation by 10% instead.


 59.5486, 0.4097,
0.3802

 59.5486, 0.4097,
0.3802


422.9319, 0.3632,
0.3578


 43.0549, 0.4205,
0.3848


 104.1746, 0.3934,
0.3728

 29.9282, 0.4339,
0.3901


 133.0756, 0.3871,
0.3698

 19.7841, 0.4507,
0.3963


 166.8813, 0.3817,
0.3672

 12.2382, 0.4724,
0.4030

205.9759, 0.3770,
0.3648

 6.9061, 0.5010,
0.4097

250.7439, 0.3729,
0.3628

 3.4035, 0.5502,
0.4222

301.5696, 0.3693,

 1.3458, 0.5918,

0.3609

0.4082

358.8375, 0.3661,
0.3593

0.1763, 0.7748,
0.2252

0.0000, 0.0000,
0.0000

59.5486, 0.4097,
0.3802

59.5486, 0.4097,
0.3802

52.9050, 0.4390,
0.3903

67.0066, 0.3830,
0.3688

47.0368, 0.4701,
0.3979

75.2999, 0.3593,
0.3571

41.9133, 0.5013,
0.4018

84.4585, 0.3387,
0.3455

37.4978, 0.5304,
0.4007

94.5083, 0.3209,
0.3344

■ 33.7486, 0.5550,
0.3940

100.0000, 0.3127,
0.3290

■ 32.1382, 0.5654,
0.3893

Harmonies

Analogous

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



59.5486, 0.4063, 0.3417



59.5486, 0.4097, 0.3802



59.5486, 0.3854, 0.4098

Triad

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



59.5486, 0.4097, 0.3802



59.5486, 0.2519, 0.3533



59.5486, 0.2777, 0.2533

Complementary

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



59.5486, 0.4097, 0.3802



56.9111, 0.2416, 0.2701

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.



59.5486, 0.2413, 0.2513



59.5486, 0.4097, 0.3802



59.5486, 0.2273, 0.3046

Square

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



59.5486, 0.4097, 0.3802



59.5486, 0.2935, 0.3978



59.5486, 0.2238, 0.2684



59.5486, 0.3265, 0.2720

Rectangle

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



59.5486, 0.4097, 0.3802



59.5486, 0.3581, 0.4187



59.5486, 0.2238, 0.2684



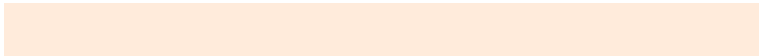
59.5486, 0.2637, 0.2506

Sweetspot

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



59.5513, 0.4097, 0.3802



85.5331, 0.3366, 0.3442



44.5128, 0.3623, 0.2606



17.8641, 0.3407, 0.3467



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.



59.5513, 0.4097, 0.3802



53.6061, 0.4357, 0.3893



88.7075, 0.3837, 0.4322



19.2603, 0.3284, 0.3392



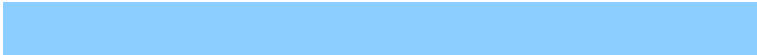
17.0746, 0.5625, 0.3915



1.8738, 0.5424, 0.4075

Inverse Universe

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



56.9111, 0.2416, 0.2701



50.6334, 0.2286, 0.2559



34.4603, 0.2290, 0.1988



19.1080, 0.2979, 0.3186



14.8615, 0.1841, 0.1827



1.6638, 0.1891, 0.2009

Previews

White Background



This preview shows how the Yxy color 59.5486, 0.4097, 0.3802 looks on a white background.

Color Contrast Check

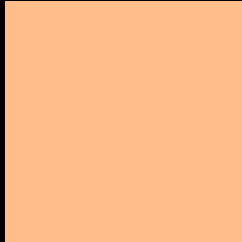
Large Text (above 18pt) WCAG AA × Fail

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 59.5486, 0.4097, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

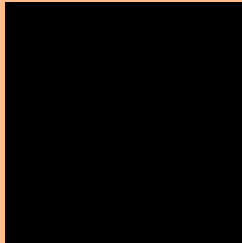
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5486, 0.4097, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 59.5486, 0.4097, 0.3802.



This preview shows how white text looks on a background with the Yxy color 59.5486, 0.4097, 0.3802.

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

59.5486, 0.4097, 0.3802

Protanopia

59.8473, 0.3683, 0.3953

Deuteranopia

59.5023, 0.3978, 0.3886



Tritanopia

59.5265, 0.3636, 0.3167

Trichromacy



Original Color

59.5486, 0.4097, 0.3802

Protanomaly

59.5576, 0.3827, 0.3896

Deuteranomaly

59.3375, 0.4022, 0.3858

Tritanomaly

59.5124, 0.3803, 0.3397

Monochromacy



Original Color

59.5486, 0.4097, 0.3802

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 59.5486, 0.4097, 0.3802 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 140) }
```

Border

The CSS property to change the border of an element to Yxy 59.5486, 0.4097, 0.3802 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, 140) }
```

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

```
.border{ border-color:rgb(255, 189, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5486, 0.4097, 0.3802 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
189, 140) }
```

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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