

Converting Colors

$Y_{xy}(58.4018, 0.4026, 0.3660)$

Have a look what the booklet for
Yxy(58.4018, 0.4026, 0.3660)
contains.

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Color

Yxy(58.5798, 0.4028, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA96
RGB	255, 186, 150
RGB Percent	100%, 73%, 59%
CMY	0.0000, 0.2706, 0.4118
CMYK	0.00, 0.27, 0.41, 0.00
HSL	21°, 100%, 79%
HSV	21°, 41%, 100%
XYZ	64.3116, 58.5798, 36.7700
YIQ	202.5270, 52.6800, 3.4320

Conversions

Conversions Part 2

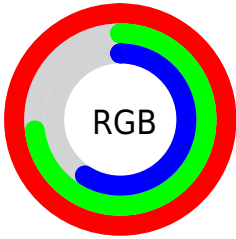
Format	Color
R _Y B	255, 205, 150
Decimal	16759446
CIE Lab	81.06, 20.59, 28.07
CIE LCh	81, 34.813, 53.735
Yxy	58.5798, 0.4028, 0.3669
Android (android.graphics.Color)	4294949526 (0xFFFFBA96)
YUV	202.5270, -25.8958, 46.0188
Hunter-Lab	76.5374, 16.0466, 25.0922

Details

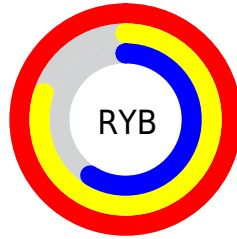
The Yxy color **58.5798, 0.4028, 0.3669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.3691, 0.2494, 0.2868**, and the grayscale version is **59.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1239, 0.3453, 0.3669**, and **29.4117, 0.4253, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **51.1915, 0.4338, 0.3755**, and if you desaturate by 10%, it is **66.9696, 0.3754, 0.3575**.

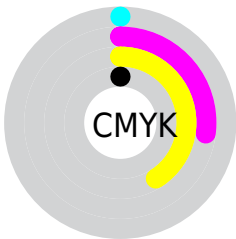
Distribution



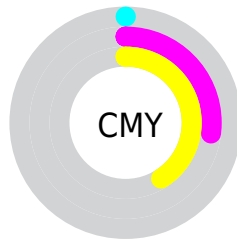
- Red (100%)
- Green (73%)
- Blue (59%)



- Red (100%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5798, 0.4028, 0.3669 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 58.5798, 0.4028, 0.3669 by changing the saturation by 10% instead.


 58.5798, 0.4028,
0.3669


 58.5798, 0.4028,
0.3669


419.3429, 0.3592,
0.3504

 42.2750, 0.4131,
0.3703


 102.7667, 0.3874,
0.3615

 29.3166, 0.4260,
0.3742


 131.4175, 0.3815,
0.3593

 19.3205, 0.4424,
0.3786


164.9525, 0.3764,
0.3573

 11.9021, 0.4640,
0.3835

203.7560, 0.3720,
0.3556

 6.6770, 0.4933,
0.3884

248.2124, 0.3682,
0.3541

 3.2610, 0.5375,
0.3931

298.7061, 0.3649,

 1.2694, 0.6075,

0.3527

355.6215, 0.3619,
0.3515

0.3925

0.1174, 0.8396,
0.1604

0.0000, 0.0000,
0.0000

58.5798, 0.4028,
0.3669

58.5798, 0.4028,
0.3669

51.1915, 0.4338,
0.3755

66.9696, 0.3754,
0.3575

44.7725, 0.4678,
0.3823

76.4067, 0.3518,
0.3480

39.2769, 0.5033,
0.3859

86.9241, 0.3316,
0.3387

34.6576, 0.5376,
0.3853

98.5558, 0.3145,
0.3300

■ 30.8624, 0.5676,
0.3795

100.0000, 0.3127,
0.3290

■ 28.1441, 0.5887,
0.3708

Harmonies

Analogous

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



58.5798, 0.3920, 0.3309



58.5798, 0.4028, 0.3669



58.5798, 0.3875, 0.3968

Triad

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



58.5798, 0.4028, 0.3669



58.5798, 0.2668, 0.3636



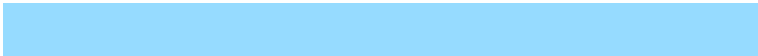
58.5798, 0.2700, 0.2573

Complementary

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



58.5798, 0.4028, 0.3669



64.3691, 0.2494, 0.2868

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.



58.5798, 0.2409, 0.2605



58.5798, 0.4028, 0.3669



58.5798, 0.2390, 0.3190

Square

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



58.5798, 0.4028, 0.3669



58.5798, 0.3079, 0.3990



58.5798, 0.2301, 0.2816



58.5798, 0.3124, 0.2705

Rectangle

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



58.5798, 0.4028, 0.3669



58.5798, 0.3656, 0.4084



58.5798, 0.2301, 0.2816



58.5798, 0.2585, 0.2565

Sweetspot

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



58.5771, 0.4028, 0.3669



86.0172, 0.3332, 0.3394



48.2393, 0.3481, 0.2581



18.1063, 0.3357, 0.3406



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.



58.5771, 0.4028, 0.3669



52.7158, 0.4268, 0.3737



84.3201, 0.3810, 0.4163



19.0050, 0.3286, 0.3372



14.9543, 0.5857, 0.3732



1.6499, 0.5638, 0.3905

Inverse Universe

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



64.3691, 0.2494, 0.2868



59.1397, 0.2384, 0.2772



41.5242, 0.2390, 0.2228



19.3713, 0.2980, 0.3207



18.6145, 0.1924, 0.2125



2.0159, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 58.5798, 0.4028, 0.3669 looks on a white background.

Color Contrast Check

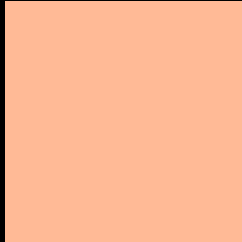
Large Text (above 18pt) WCAG AA × Fail

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 58.5798, 0.4028, 0.3669 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 58.5798, 0.4028, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 58.5798, 0.4028, 0.3669.



This preview shows how white text looks on a background with the Yxy color 58.5798, 0.4028, 0.3669.

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

58.5798, 0.4028, 0.3669

Protanopia

58.6547, 0.3572, 0.3809

Deuteranopia

58.4870, 0.3860, 0.3778



Tritanopia

58.6109, 0.3658, 0.3166

Trichromacy



Original Color

58.5798, 0.4028, 0.3669

Protanomaly

58.6359, 0.3739, 0.3767

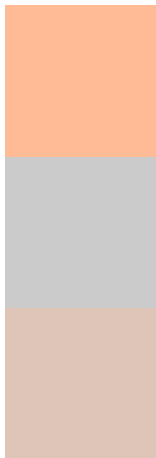
Deuteranomaly

58.2299, 0.3924, 0.3737

Tritanomaly

58.3413, 0.3796, 0.3344

Monochromacy



Original Color

58.5798, 0.4028, 0.3669

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9228, 0.3429, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5798, 0.4028, 0.3669 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, 186, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 150)  
}
```

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, 186, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 150) }
```

Border

The CSS property to change the border of an element to Yxy 58.5798, 0.4028, 0.3669 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, 186, 150) }
```

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

```
.border{ border-color:rgb(255, 186, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5798, 0.4028, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 150) }
```

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

```
.background{ background-color: rgb(255,  
186, 150) }
```

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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