

Converting Colors

$Yxy(58.1018, 0.3989, 0.3619)$

Have a look what the booklet for
Yxy(58.1018, 0.3989, 0.3619)
contains.

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Color

Yxy(58.1018, 0.3989, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	FEB99A
RGB	254, 185, 154
RGB Percent	100%, 73%, 60%
CMY	0.0041, 0.2744, 0.3961
CMYK	0.00, 0.27, 0.39, 0.00
HSL	19°, 98%, 80%
HSV	19°, 39%, 100%
XYZ	64.0420, 58.1018, 38.4027
YIQ	202.0970, 51.0750, 4.9870

Conversions

Conversions Part 2

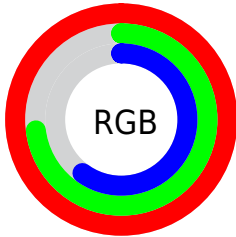
Format	Color
R _Y B	254, 199, 154
Decimal	16693658
CIE Lab	80.80, 21.12, 25.58
CIE LCh	81, 33.173, 50.457
Yxy	58.1018, 0.3989, 0.3619
Android (android.graphics.Color)	4294883738 (0xFFFE99A)
YUV	202.0970, -23.7118, 45.5189
Hunter-Lab	76.2245, 16.5785, 23.4862

Details

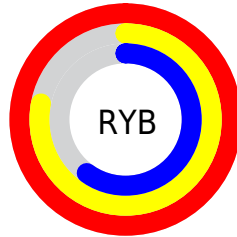
The Yxy color **58.1018, 0.3989, 0.3619** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.7503, 0.2526, 0.2929**, and the grayscale version is **59.2532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7740, 0.3423, 0.3609**, and **29.0839, 0.4204, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **50.4642, 0.4303, 0.3699**, and if you desaturate by 10%, it is **66.8263, 0.3716, 0.3533**.

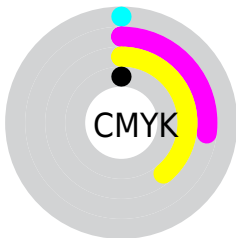
Distribution



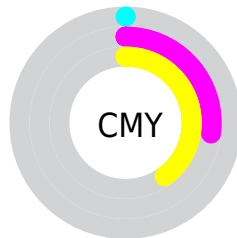
- Red (100%)
- Green (73%)
- Blue (60%)



- Red (100%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1018, 0.3989, 0.3619 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 58.1018, 0.3989, 0.3619 by changing the saturation by 10% instead.


 58.1018, 0.3989,
0.3619

 58.1018, 0.3989,
0.3619


417.5652, 0.3571,
0.3476

 41.8905, 0.4088,
0.3648


 102.0711, 0.3841,
0.3572

 29.0156, 0.4213,
0.3682


 130.5979, 0.3784,
0.3553

 19.0926, 0.4373,
0.3720


163.9986, 0.3735,
0.3536

 11.7372, 0.4585,
0.3763

202.6576, 0.3693,
0.3521

 6.5650, 0.4876,
0.3805

246.9594, 0.3657,
0.3508

 3.1916, 0.5303,
0.3834

297.2884, 0.3625,

 1.2326, 0.6114,

0.3496

0.3886

354.0288, 0.3596,
0.3486

0.0881, 0.8719,
0.1281

0.0000, 0.0000,
0.0000

58.1018, 0.3989,
0.3619

58.1018, 0.3989,
0.3619

50.4642, 0.4303,
0.3699

66.8263, 0.3716,
0.3533

43.8610, 0.4651,
0.3762

76.6706, 0.3482,
0.3447

38.2478, 0.5020,
0.3799

87.6766, 0.3284,
0.3363

33.5731, 0.5383,
0.3795

99.8029, 0.3121,
0.3290

■ 29.7800, 0.5704,
0.3744

■ 26.7991, 0.5954,
0.3649

■ 26.6347, 0.5969,
0.3643

Harmonies

Analogous

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



58.1018, 0.3858, 0.3272



58.1018, 0.3989, 0.3619



58.1018, 0.3870, 0.3915

Triad

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



58.1018, 0.3989, 0.3619



58.1018, 0.2726, 0.3665



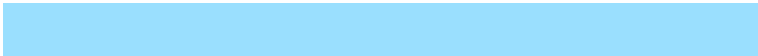
58.1018, 0.2681, 0.2598

Complementary

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



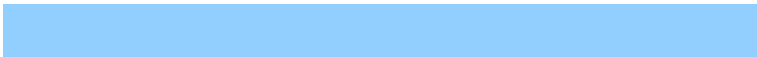
58.1018, 0.3989, 0.3619



66.7503, 0.2526, 0.2929

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.



58.1018, 0.2419, 0.2648



58.1018, 0.3989, 0.3619



58.1018, 0.2442, 0.3241

Square

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



58.1018, 0.3989, 0.3619



58.1018, 0.3130, 0.3981



58.1018, 0.2335, 0.2871



58.1018, 0.3077, 0.2708

Rectangle

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



58.1018, 0.3989, 0.3619



58.1018, 0.3674, 0.4037



58.1018, 0.2335, 0.2871



58.1018, 0.2576, 0.2596

Sweetspot

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



58.1046, 0.3989, 0.3619



85.4534, 0.3333, 0.3385



49.5481, 0.3430, 0.2581



17.9742, 0.3358, 0.3396



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.



58.1046, 0.3989, 0.3619



52.6581, 0.4225, 0.3681



82.2198, 0.3791, 0.4096



18.9071, 0.3287, 0.3364



14.2767, 0.5940, 0.3666



1.5748, 0.5719, 0.3841

Inverse Universe

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



66.7503, 0.2526, 0.2929



62.4141, 0.2420, 0.2845



44.2847, 0.2433, 0.2325



19.4738, 0.2980, 0.3214



20.2378, 0.1956, 0.2241



2.1653, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 58.1018, 0.3989, 0.3619 looks on a white background.

Color Contrast Check

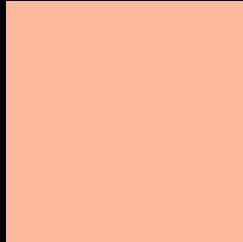
Large Text (above 18pt) WCAG AA × Fail

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 58.1018, 0.3989, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

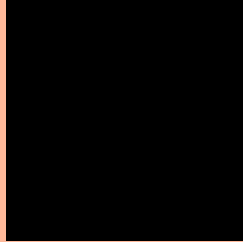
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1018, 0.3989, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 58.1018, 0.3989, 0.3619.



This preview shows how white text looks on a background with the Yxy color 58.1018, 0.3989, 0.3619.

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

58.1018, 0.3989, 0.3619

Protanopia

58.4926, 0.3524, 0.3765

Deuteranopia

58.2727, 0.3810, 0.3737



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.1018, 0.3989, 0.3619

Protanomaly

57.9928, 0.3693, 0.3713

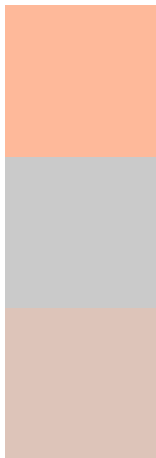
Deuteranomaly

58.1815, 0.3882, 0.3695

Tritanomaly

57.9706, 0.3790, 0.3323

Monochromacy



Original Color

58.1018, 0.3989, 0.3619

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.3548, 0.3415, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1018, 0.3989, 0.3619 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, 185, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 154)  
}
```

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, 185, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 154) }
```

Border

The CSS property to change the border of an element to Yxy 58.1018, 0.3989, 0.3619 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, 185, 154) }
```

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

```
.border{ border-color:rgb(254, 185, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 185, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1018, 0.3989, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 154) }
```

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

```
.background{ background-color: rgb(254,  
185, 154) }
```

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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