

Converting Colors

$Yxy(85.6883, 0.4765, 0.3545)$

Have a look what the booklet for
Yxy(85.6883, 0.4765, 0.3545)
contains.

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Color

Yxy(59.9883, 0.3981, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD9A
RGB	255, 189, 154
RGB Percent	100%, 74%, 60%
CMY	0.0000, 0.2588, 0.3962
CMYK	0.00, 0.26, 0.40, 0.00
HSL	21°, 100%, 80%
HSV	21°, 40%, 100%
XYZ	65.2674, 59.9883, 38.6916
YIQ	204.7440, 50.5710, 3.1070

Conversions

Conversions Part 2

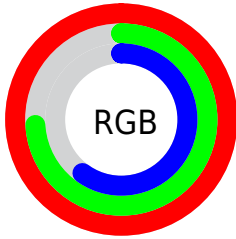
Format	Color
R _Y B	255, 208, 154
Decimal	16760218
CIE Lab	81.83, 19.43, 27.02
CIE LCh	82, 33.277, 54.275
Yxy	59.9883, 0.3981, 0.3659
Android (android.graphics.Color)	4294950298 (0xFFFFBD9A)
YUV	204.7440, -25.0168, 44.0745
Hunter-Lab	77.4521, 14.8773, 24.5979

Details

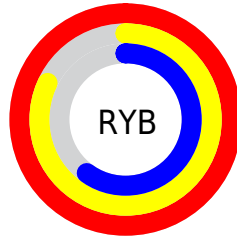
The Yxy color **59.9883, 0.3981, 0.3659** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2447, 0.2515, 0.2882**, and the grayscale version is **61.0169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1683, 0.3416, 0.3647**, and **30.0430, 0.4195, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **52.4714, 0.4285, 0.3748**, and if you desaturate by 10%, it is **68.5141, 0.3714, 0.3563**.

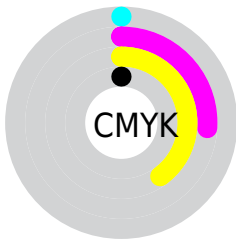
Distribution



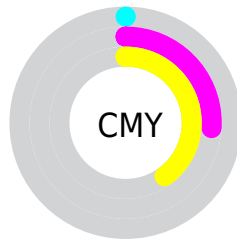
- Red (100%)
- Green (74%)
- Blue (60%)



- Red (100%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9883, 0.3981, 0.3659 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 59.9883, 0.3981, 0.3659 by changing the saturation by 10% instead.

 59.9883, 0.3981,
0.3659


 59.9883, 0.3981,
0.3659


424.5546, 0.3570,
0.3498

 43.4092, 0.4078,
0.3692


 104.8127, 0.3836,
0.3606

 30.2063, 0.4199,
0.3731


 133.8268, 0.3780,
0.3584

 19.9952, 0.4354,
0.3776


167.7547, 0.3732,
0.3565

 12.3916, 0.4557,
0.3828

206.9807, 0.3691,
0.3548

 7.0110, 0.4834,
0.3881

251.8893, 0.3655,
0.3534

 3.4690, 0.5232,
0.3927

302.8650, 0.3623,

 1.3812, 0.5986,

0.3520

0.4014

360.2919, 0.3595,
0.3508

0.2028, 0.7669,
0.2331

0.0000, 0.0000,
0.0000

59.9883, 0.3981,
0.3659

59.9883, 0.3981,
0.3659

52.4714, 0.4285,
0.3748

68.5141, 0.3714,
0.3563

45.9156, 0.4619,
0.3820

78.0772, 0.3484,
0.3467

40.2816, 0.4971,
0.3863

88.7152, 0.3288,
0.3374

35.5237, 0.5316,
0.3865

100.0000, 0.3127,
0.3290

■ 31.5914, 0.5623,
0.3815

■ 28.4213, 0.5867,
0.3720

■ 28.3155, 0.5876,
0.3716

Harmonies

Analogous

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



59.9883, 0.3882, 0.3316



59.9883, 0.3981, 0.3659



59.9883, 0.3834, 0.3940

Triad

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



59.9883, 0.3981, 0.3659



59.9883, 0.2685, 0.3611



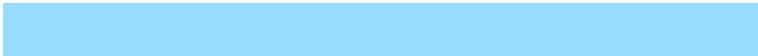
59.9883, 0.2728, 0.2608

Complementary

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



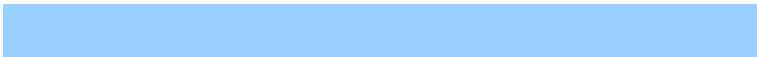
59.9883, 0.3981, 0.3659



65.2447, 0.2515, 0.2882

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.



59.9883, 0.2448, 0.2637



59.9883, 0.3981, 0.3659



59.9883, 0.2423, 0.3189

Square

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



59.9883, 0.3981, 0.3659



59.9883, 0.3076, 0.3947



59.9883, 0.2340, 0.2837



59.9883, 0.3133, 0.2736

Rectangle

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



59.9883, 0.3981, 0.3659



59.9883, 0.3625, 0.4045



59.9883, 0.2340, 0.2837



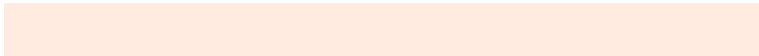
59.9883, 0.2617, 0.2599

Sweetspot

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



59.9912, 0.3981, 0.3659



86.0890, 0.3332, 0.3396



49.5947, 0.3464, 0.2607



18.1232, 0.3356, 0.3408



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.



59.9912, 0.3981, 0.3659



53.6263, 0.4233, 0.3734



84.8337, 0.3783, 0.4131



19.0175, 0.3286, 0.3373



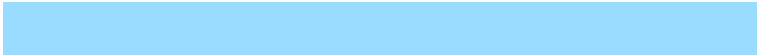
15.0458, 0.5846, 0.3740



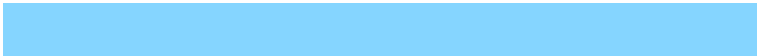
1.6599, 0.5628, 0.3913

Inverse Universe

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



65.2447, 0.2515, 0.2882



59.5307, 0.2396, 0.2778



43.1354, 0.2421, 0.2276



19.3583, 0.2980, 0.3206



18.4155, 0.1920, 0.2110



1.9975, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 59.9883, 0.3981, 0.3659 looks on a white background.

Color Contrast Check

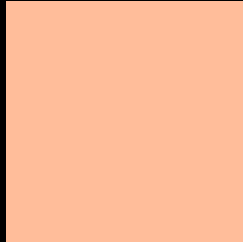
Large Text (above 18pt) WCAG AA × Fail

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 59.9883, 0.3981, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

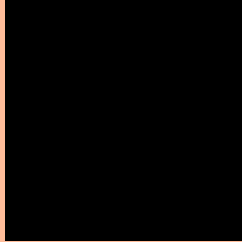
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9883, 0.3981, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 59.9883, 0.3981, 0.3659.



This preview shows how white text looks on a background with the Yxy color 59.9883, 0.3981, 0.3659.

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

59.9883, 0.3981, 0.3659

Protanopia

60.0368, 0.3552, 0.3781

Deuteranopia

59.8554, 0.3837, 0.3752



Tritanopia

60.0351, 0.3616, 0.3156

Trichromacy



Original Color

59.9883, 0.3981, 0.3659

Protanomaly

59.8457, 0.3709, 0.3742

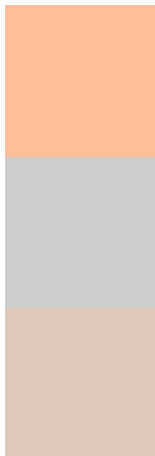
Deuteranomaly

59.8523, 0.3887, 0.3724

Tritanomaly

59.7552, 0.3751, 0.3334

Monochromacy



Original Color

59.9883, 0.3981, 0.3659

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0800, 0.3418, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9883, 0.3981, 0.3659 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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(255, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 154) }
```

Border

The CSS property to change the border of an element to Yxy 59.9883, 0.3981, 0.3659 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, 154) }
```

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

```
.border{ border-color:rgb(255, 189, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9883, 0.3981, 0.3659 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, 154) }
```

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

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