

Converting Colors

$Yxy(61.0516, 0.3913, 0.3675)$

Have a look what the booklet for
Yxy(61.0516, 0.3913, 0.3675)
contains.

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Color

Yxy(61.0835, 0.3905, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	FBC19D
RGB	251, 193, 157
RGB Percent	98%, 76%, 62%
CMY	0.0157, 0.2431, 0.3842
CMYK	0.00, 0.23, 0.37, 0.02
HSL	23°, 92%, 80%
HSV	23°, 37%, 98%
XYZ	64.9418, 61.0835, 40.2789
YIQ	206.2380, 46.1240, 1.1000

Conversions

Conversions Part 2

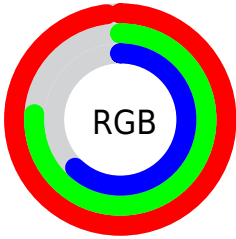
Format	Color
R _Y B	251, 215, 157
Decimal	16499101
CIE Lab	82.42, 16.14, 26.12
CIE LCh	82, 30.710, 58.284
Yxy	61.0835, 0.3905, 0.3673
Android (android.graphics.Color)	4294689181 (0xFFFB _{C19D})
YUV	206.2380, -24.2743, 39.2563
Hunter-Lab	78.1559, 11.5473, 24.1531

Details

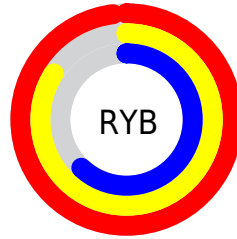
The Yxy color **61.0835, 0.3905, 0.3673** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.7516, 0.2542, 0.2868**, and the grayscale version is **62.0213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3847, 0.3389, 0.3664**, and **30.8226, 0.4112, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **53.8205, 0.4190, 0.3773**, and if you desaturate by 10%, it is **69.2459, 0.3653, 0.3567**.

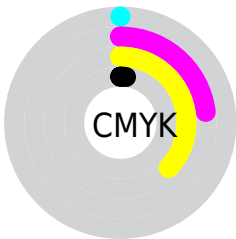
Distribution



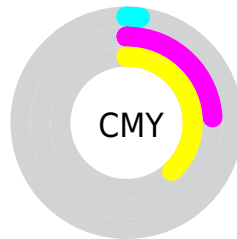
- Red (98%)
- Green (76%)
- Blue (62%)



- Red (98%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0835, 0.3905, 0.3673 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 61.0835, 0.3905, 0.3673 by changing the saturation by 10% instead.


 61.0835, 0.3905,
0.3673

 61.0835, 0.3905,
0.3673


428.5801, 0.3532,
0.3503

 44.2926, 0.3993,
0.3709

 106.3998, 0.3773,
0.3616

 30.9006, 0.4102,
0.3752


 135.6940, 0.3723,
0.3593

 20.5231, 0.4242,
0.3804

169.9247, 0.3679,
0.3573

 12.7759, 0.4426,
0.3865

209.4764, 0.3642,
0.3556

 7.2744, 0.4676,
0.3934

254.7333, 0.3609,
0.3540

 3.6343, 0.5030,
0.4004

306.0800, 0.3580,

 1.4712, 0.5795,

0.3526

0.4205

363.9008, 0.3555,
0.3514

0.2683, 0.7075,
0.2925

0.0000, 0.0000,
0.0000

61.0835, 0.3905,
0.3673

61.0835, 0.3905,
0.3673

53.8205, 0.4190,
0.3773

69.2459, 0.3653,
0.3567

47.4154, 0.4505,
0.3859

78.3300, 0.3435,
0.3462

41.8358, 0.4838,
0.3918

88.3679, 0.3248,
0.3361

37.0439, 0.5169,
0.3937

99.2302, 0.3102,
0.3290

■ 32.9976, 0.5472,
0.3905

■ 99.2494, 0.3102,
0.3290

■ 29.6484, 0.5719,
0.3821

■ 28.8909, 0.5777,
0.3795

Harmonies

Analogous

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



61.0835, 0.3844, 0.3360



61.0835, 0.3905, 0.3673



61.0835, 0.3744, 0.3914

Triad

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



61.0835, 0.3905, 0.3673



61.0835, 0.2681, 0.3534



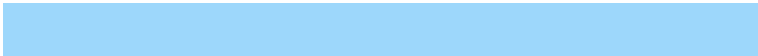
61.0835, 0.2806, 0.2668

Complementary

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



61.0835, 0.3905, 0.3673



62.7516, 0.2542, 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.



61.0835, 0.2527, 0.2676



61.0835, 0.3905, 0.3673



61.0835, 0.2458, 0.3151

Square

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



61.0835, 0.3905, 0.3673



61.0835, 0.3030, 0.3858



61.0835, 0.2404, 0.2842



61.0835, 0.3188, 0.2803

Rectangle

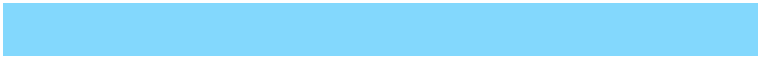
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0835, 0.3905, 0.3673



61.0835, 0.3541, 0.3991



61.0835, 0.2404, 0.2842



61.0835, 0.2698, 0.2653

Sweetspot

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



61.0864, 0.3905, 0.3673



87.7707, 0.3312, 0.3396



49.6200, 0.3468, 0.2676



18.4822, 0.3337, 0.3410



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.



61.0864, 0.3905, 0.3673



57.5156, 0.4119, 0.3750



84.3690, 0.3734, 0.4113



18.3144, 0.3284, 0.3381



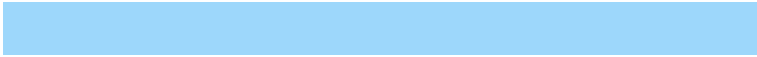
15.4458, 0.5747, 0.3819



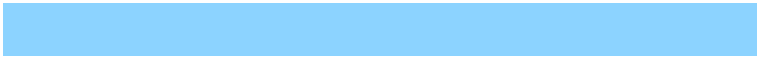
1.6284, 0.5525, 0.3995

Inverse Universe

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



62.7516, 0.2542, 0.2868



59.4417, 0.2429, 0.2765



42.7212, 0.2460, 0.2304



18.4272, 0.2980, 0.3197



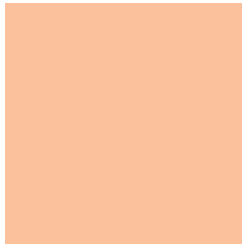
16.2590, 0.1884, 0.1983



1.7108, 0.1932, 0.2155

Previews

White Background



This preview shows how the Yxy color 61.0835, 0.3905, 0.3673 looks on a white background.

Color Contrast Check

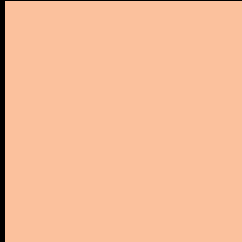
Large Text (above 18pt) WCAG AA × Fail

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 61.0835, 0.3905, 0.3673 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 61.0835, 0.3905, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 61.0835, 0.3905, 0.3673.



This preview shows how white text looks on a background with the Yxy color 61.0835, 0.3905, 0.3673.

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

61.0835, 0.3905, 0.3673

Protanopia

61.2124, 0.3540, 0.3778

Deuteranopia

61.2101, 0.3822, 0.3738



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

61.0835, 0.3905, 0.3673

Protanomaly

61.1695, 0.3667, 0.3742

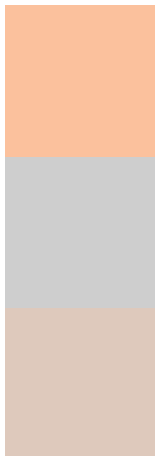
Deuteranomaly

61.2926, 0.3851, 0.3723

Tritanomaly

60.9688, 0.3709, 0.3334

Monochromacy



Original Color

61.0835, 0.3905, 0.3673

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9337, 0.3391, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0835, 0.3905, 0.3673 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(251, 193, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 193, 157)  
}
```

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(251, 193, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 193, 157) }
```

Border

The CSS property to change the border of an element to Yxy 61.0835, 0.3905, 0.3673 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(251, 193, 157) }
```

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

```
.border{ border-color:rgb(251, 193, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 193, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 193, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 193, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 193,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0835, 0.3905, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 193, 157) }
```

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

```
.background{ background-color: rgb(251,  
193, 157) }
```

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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