

Converting Colors

$Yxy(64.7616, 0.4068, 0.3654)$

Have a look what the booklet for
Yxy(64.7616, 0.4068, 0.3654)
contains.

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Color

Yxy(61.8002, 0.3947, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	FFC19C
RGB	255, 193, 156
RGB Percent	100%, 76%, 61%
CMY	0.0001, 0.2431, 0.3883
CMYK	0.00, 0.24, 0.39, 0.00
HSL	22°, 100%, 81%
HSV	22°, 39%, 100%
XYZ	66.3021, 61.8002, 39.8787
YIQ	207.3200, 48.8290, 1.6370

Conversions

Conversions Part 2

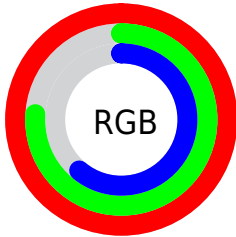
Format	Color
R _Y B	255, 215, 156
Decimal	16761244
CIE Lab	82.81, 17.55, 27.26
CIE LCh	83, 32.420, 57.235
Yxy	61.8002, 0.3947, 0.3679
Android (android.graphics.Color)	4294951324 (0xFFFFC19C)
YUV	207.3200, -25.3008, 41.8154
Hunter-Lab	78.6131, 12.9735, 24.9527

Details

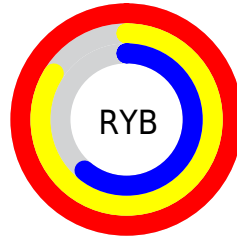
The Yxy color **61.8002, 0.3947, 0.3679** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.3948, 0.2522, 0.2859**, and the grayscale version is **62.7568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3344, 0.3396, 0.3674**, and **31.2005, 0.4156, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **54.3483, 0.4240, 0.3776**, and if you desaturate by 10%, it is **70.2006, 0.3689, 0.3576**.

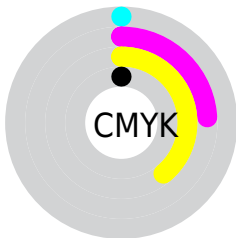
Distribution



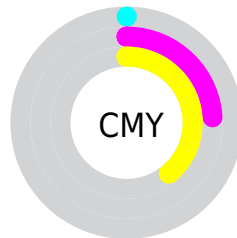
- Red (100%)
- Green (76%)
- Blue (61%)



- Red (100%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8002, 0.3947, 0.3679 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 61.8002, 0.3947, 0.3679 by changing the saturation by 10% instead.


 61.8002, 0.3947,
0.3679


 61.8002, 0.3947,
0.3679


431.2019, 0.3554,
0.3508

 44.8713, 0.4039,
0.3715


 107.4367, 0.3809,
0.3622

 31.3560, 0.4153,
0.3757


 136.9131, 0.3755,
0.3599

 20.8701, 0.4299,
0.3807


171.3407, 0.3710,
0.3579

 13.0291, 0.4490,
0.3865

211.1041, 0.3670,
0.3561

 7.4486, 0.4749,
0.3929

256.5874, 0.3636,
0.3546

 3.7442, 0.5113,
0.3988

308.1753, 0.3605,

 1.5315, 0.5856,

0.3532

0.4144

366.2520, 0.3578,
0.3519

0.3108, 0.6996,
0.3004

0.0000, 0.0000,
0.0000

61.8002, 0.3947,
0.3679

61.8002, 0.3947,
0.3679

54.3483, 0.4240,
0.3776

70.2006, 0.3689,
0.3576

47.8006, 0.4562,
0.3856

79.5741, 0.3465,
0.3472

42.1221, 0.4900,
0.3909

89.9552, 0.3273,
0.3373

37.2714, 0.5233,
0.3919

99.9948, 0.3127,
0.3290

■ 33.2029, 0.5533,
0.3878

■ 29.8613, 0.5776,
0.3787

■ 29.5107, 0.5802,
0.3775

Harmonies

Analogous

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



61.8002, 0.3875, 0.3350



61.8002, 0.3947, 0.3679



61.8002, 0.3784, 0.3938

Triad

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



61.8002, 0.3947, 0.3679



61.8002, 0.2669, 0.3560



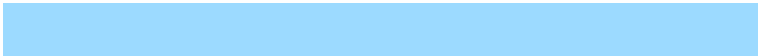
61.8002, 0.2776, 0.2636

Complementary

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



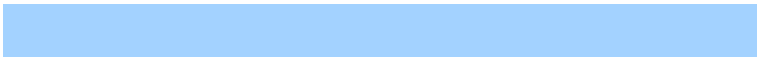
61.8002, 0.3947, 0.3679



64.3948, 0.2522, 0.2859

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.



61.8002, 0.2490, 0.2649



61.8002, 0.3947, 0.3679



61.8002, 0.2431, 0.3156

Square

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



61.8002, 0.3947, 0.3679



61.8002, 0.3038, 0.3898



61.8002, 0.2368, 0.2827



61.8002, 0.3175, 0.2773

Rectangle

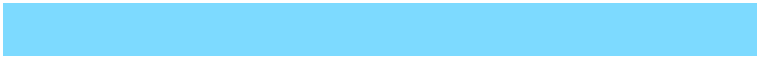
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8002, 0.3947, 0.3679



61.8002, 0.3573, 0.4026



61.8002, 0.2368, 0.2827



61.8002, 0.2665, 0.2622

Sweetspot

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



61.8031, 0.3947, 0.3679



86.5673, 0.3330, 0.3404



50.1238, 0.3485, 0.2652



18.2353, 0.3355, 0.3417



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.



61.8031, 0.3947, 0.3679



55.6522, 0.4184, 0.3759



87.0246, 0.3757, 0.4144



19.1004, 0.3285, 0.3379



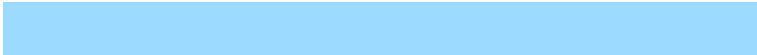
15.6861, 0.5772, 0.3799



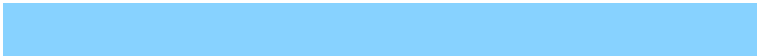
1.7288, 0.5559, 0.3968

Inverse Universe

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



64.3948, 0.2522, 0.2859



58.5553, 0.2402, 0.2750



42.7284, 0.2431, 0.2259



19.2722, 0.2979, 0.3199



17.1325, 0.1892, 0.2012



1.8781, 0.1937, 0.2174

Previews

White Background



This preview shows how the Yxy color 61.8002, 0.3947, 0.3679 looks on a white background.

Color Contrast Check

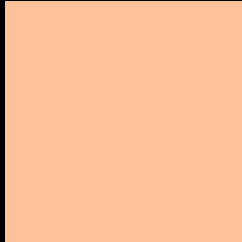
Large Text (above 18pt) WCAG AA × Fail

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 61.8002, 0.3947, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

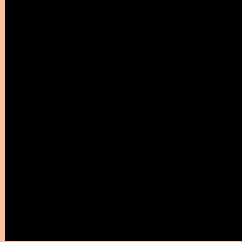
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8002, 0.3947, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 61.8002, 0.3947, 0.3679.



This preview shows how white text looks on a background with the Yxy color 61.8002, 0.3947, 0.3679.

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

61.8002, 0.3947, 0.3679

Protanopia

61.9669, 0.3562, 0.3798

Deuteranopia

61.8094, 0.3834, 0.3757



Tritanopia

61.9195, 0.3574, 0.3157

Trichromacy



Original Color

61.8002, 0.3947, 0.3679

Protanomaly

61.6350, 0.3700, 0.3749

Deuteranomaly

61.6206, 0.3876, 0.3731

Tritanomaly

61.5897, 0.3714, 0.3344

Monochromacy



Original Color

61.8002, 0.3947, 0.3679

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7192, 0.3406, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8002, 0.3947, 0.3679 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, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 156)  
}
```

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, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 156) }
```

Border

The CSS property to change the border of an element to Yxy 61.8002, 0.3947, 0.3679 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, 193, 156) }
```

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

```
.border{ border-color:rgb(255, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8002, 0.3947, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 156) }
```

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

```
.background{ background-color: rgb(255,  
193, 156) }
```

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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