

Converting Colors

$Yxy(61.1955, 0.3880, 0.3847)$

Have a look what the booklet for
Yxy(61.1955, 0.3880, 0.3847)
contains.

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Color

Yxy(61.1955, 0.3880, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	F1C693
RGB	241, 198, 147
RGB Percent	95%, 78%, 58%
CMY	0.0551, 0.2234, 0.4236
CMYK	0.00, 0.18, 0.39, 0.06
HSL	33°, 77%, 76%
HSV	33°, 39%, 94%
XYZ	61.7204, 61.1955, 36.1574
YIQ	205.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

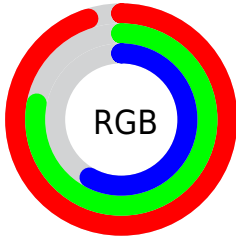
Format	Color
R _Y B	226, 241, 147
Decimal	15845011
CIE Lab	82.48, 8.48, 31.30
CIE LCh	82, 32.430, 74.841
Yxy	61.1955, 0.3880, 0.3847
Android (android.graphics.Color)	4294035091 (0xFFFF1C693)
YUV	205.0430, -28.6152, 31.5343
Hunter-Lab	78.2276, 3.9358, 27.3550

Details

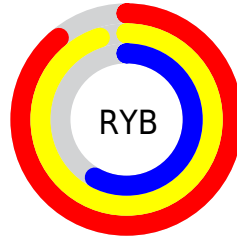
The Yxy color **61.1955, 0.3880, 0.3847** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3332, 0.2490, 0.2654**, and the grayscale version is **61.2428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **30.8583, 0.4062, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **55.6691, 0.4124, 0.3985**, and if you desaturate by 10%, it is **67.2516, 0.3655, 0.3701**.

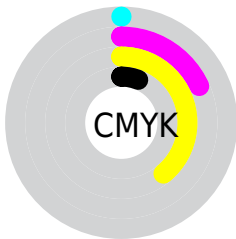
Distribution



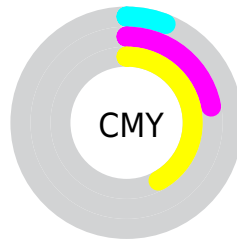
- Red (95%)
- Green (78%)
- Blue (58%)



- Red (89%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1955, 0.3880, 0.3847 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 61.1955, 0.3880, 0.3847 by changing the saturation by 10% instead.


 61.1955, 0.3880,
0.3847

 61.1955, 0.3880,
0.3847

428.9905, 0.3522,
0.3592

 44.3830, 0.3963,
0.3903


 106.5620, 0.3755,
0.3760

 30.9717, 0.4065,
0.3971


 135.8847, 0.3706,
0.3725

 20.5773, 0.4195,
0.4054


170.1462, 0.3665,
0.3696

 12.8154, 0.4361,
0.4155

209.7310, 0.3628,
0.3670

 7.3015, 0.4582,
0.4278

255.0234, 0.3597,
0.3647

 3.6514, 0.4913,
0.4451

306.4079, 0.3569,

 1.4805, 0.5373,

0.3626

0.4627

364.2688, 0.3544,
0.3608

0.2750, 0.6301,
0.3699

0.0000, 0.0000,
0.0000

61.1955, 0.3880,
0.3847

61.1955, 0.3880,
0.3847

55.6691, 0.4124,
0.3985

67.2516, 0.3655,
0.3701

50.6461, 0.4380,
0.4106

73.8454, 0.3452,
0.3554

46.1103, 0.4638,
0.4196

80.9955, 0.3271,
0.3412

42.0408, 0.4884,
0.4243

88.7166, 0.3112,
0.3277

■ 38.4141, 0.5103,
0.4237

■ 96.1945, 0.3041,
0.3271

■ 35.1987, 0.5285,
0.4179

■ 97.4304, 0.3041,
0.3290

■ 34.8946, 0.5303,
0.4172

Harmonies

Analogous

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



61.1955, 0.3950, 0.3547



61.1955, 0.3880, 0.3847



61.1955, 0.3603, 0.4023

Triad

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



61.1955, 0.3880, 0.3847



61.1955, 0.2507, 0.3320



61.1955, 0.3002, 0.2698

Complementary

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



61.1955, 0.3880, 0.3847



49.3332, 0.2490, 0.2654

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.



61.1955, 0.2639, 0.2620



61.1955, 0.3880, 0.3847



61.1955, 0.2369, 0.2946

Square

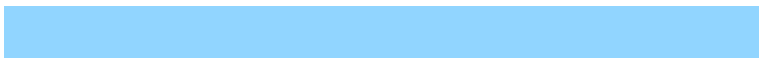
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1955, 0.3880, 0.3847



61.1955, 0.2809, 0.3719



61.1955, 0.2416, 0.2700



61.1955, 0.3424, 0.2910

Rectangle

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



61.1955, 0.3880, 0.3847



61.1955, 0.3347, 0.4025



61.1955, 0.2416, 0.2700



61.1955, 0.2869, 0.2656

Sweetspot

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



61.1984, 0.3880, 0.3847



89.5883, 0.3324, 0.3454



43.3087, 0.3642, 0.2813



18.9452, 0.3347, 0.3473



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.



61.1984, 0.3880, 0.3847



64.4426, 0.4077, 0.3961



83.1261, 0.3689, 0.4265



17.1818, 0.3280, 0.3418



19.2061, 0.5280, 0.4190



1.7965, 0.5098, 0.4334

Inverse Universe

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



49.3332, 0.2490, 0.2654



49.1626, 0.2355, 0.2492



33.7069, 0.2428, 0.2104



16.4182, 0.2980, 0.3158



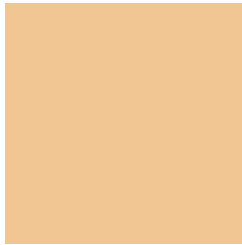
9.7624, 0.1733, 0.1437



1.0087, 0.1802, 0.1687

Previews

White Background



This preview shows how the Yxy color 61.1955, 0.3880, 0.3847 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 61.1955, 0.3880, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

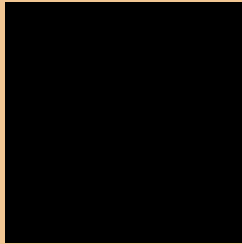
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1955, 0.3880, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 61.1955, 0.3880, 0.3847.



This preview shows how white text looks on a background with the Yxy color 61.1955, 0.3880, 0.3847.

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

61.1955, 0.3880, 0.3847

Protanopia

61.2368, 0.3663, 0.3924

Deuteranopia

61.2722, 0.3910, 0.3831



Tritanopia

61.0088, 0.3481, 0.3133

Trichromacy



Original Color

61.1955, 0.3880, 0.3847

Protanomaly

60.9050, 0.3739, 0.3890

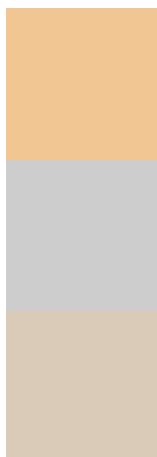
Deuteranomaly

61.0938, 0.3902, 0.3833

Tritanomaly

61.0131, 0.3631, 0.3388

Monochromacy



Original Color

61.1955, 0.3880, 0.3847

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6072, 0.3387, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1955, 0.3880, 0.3847 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(241, 198, 147)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 147)  
}
```

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(241, 198, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 147) }
```

Border

The CSS property to change the border of an element to Yxy 61.1955, 0.3880, 0.3847 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(241, 198, 147) }
```

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

```
.border{ border-color:rgb(241, 198, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 198, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 198, 147); box-shadow:4px 4px 4px 4px rgb(241, 198, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1955, 0.3880, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 147) }
```

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

```
.background{ background-color: rgb(241,  
198, 147) }
```

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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