

Converting Colors

$Yxy(61.1328, 0.4104, 0.3873)$

Have a look what the booklet for
Yxy(61.1328, 0.4104, 0.3873)
contains.

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Color

Yxy(61.2061, 0.4100, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	FFC189
RGB	255, 193, 137
RGB Percent	100%, 76%, 54%
CMY	0.0000, 0.2431, 0.4626
CMYK	0.00, 0.24, 0.46, 0.00
HSL	28°, 100%, 77%
HSV	28°, 46%, 100%
XYZ	64.8269, 61.2061, 32.0814
YIQ	205.1540, 54.9280, -4.2720

Conversions

Conversions Part 2

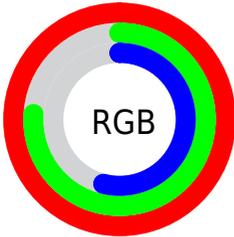
Format	Color
RYB	255, 244, 137
Decimal	16761225
CIELab	82.49, 15.60, 36.72
CIELCh	82, 39.901, 66.983
Yxy	61.2061, 0.4100, 0.3871
Android (android.graphics.Color)	4294951305 (0xFFFFC189)
YUV	205.1540, -33.5999, 43.7149
Hunter-Lab	78.2343, 10.9995, 30.4511

Details

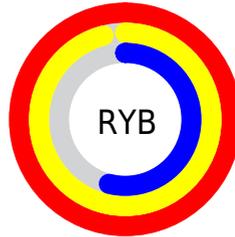
The Yxy color **61.2061, 0.4100, 0.3871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.4067, 0.2386, 0.2611**, and the grayscale version is **61.3492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7730, 0.3521, 0.3865**, and **30.8729, 0.4343, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **54.9017, 0.4379, 0.3981**, and if you desaturate by 10%, it is **68.2264, 0.3842, 0.3746**.

Distribution



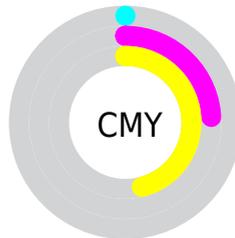
- Red (100%)
- Green (76%)
- Blue (54%)



- Red (100%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2061, 0.4100, 0.3871 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 61.2061, 0.4100, 0.3871 by changing the saturation by 10% instead.

 61.2061, 0.4100,
0.3871

 61.2061, 0.4100,
0.3871

429.0293, 0.3638,
0.3615

 44.3915, 0.4206,
0.3924

 106.5773, 0.3939,
0.3786

 30.9784, 0.4336,
0.3985

 135.9027, 0.3876,
0.3752

 20.5824, 0.4499,
0.4056

 170.1672, 0.3822,
0.3722

 12.8191, 0.4707,
0.4136

209.7551, 0.3776,
0.3696

 7.3041, 0.4974,
0.4217

255.0509, 0.3735,
0.3672

 3.6530, 0.5450,
0.4379

306.4389, 0.3699,

 1.4814, 0.5764,

0.3651

0.4236

364.3036, 0.3667,
0.3632

0.2756, 0.6999,
0.3001

0.0000, 0.0000,
0.0000

61.2061, 0.4100,
0.3871

61.2061, 0.4100,
0.3871

54.9017, 0.4379,
0.3981

68.2264, 0.3842,
0.3746

49.2777, 0.4669,
0.4065

75.9784, 0.3611,
0.3616

44.3082, 0.4955,
0.4109

84.4886, 0.3406,
0.3487

39.9615, 0.5218,
0.4102

93.7791, 0.3227,
0.3364

■ 36.2008, 0.5438,
0.4038

99.9992, 0.3127,
0.3290

■ 34.9282, 0.5512,
0.4005

Harmonies

Analogous

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



61.2061, 0.4115, 0.3484



61.2061, 0.4100, 0.3871



61.2061, 0.3812, 0.4151

Triad

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



61.2061, 0.4100, 0.3871



61.2061, 0.2449, 0.3456



61.2061, 0.2841, 0.2535

Complementary

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



61.2061, 0.4100, 0.3871



53.4067, 0.2386, 0.2611

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.



61.2061, 0.2443, 0.2484



61.2061, 0.4100, 0.3871



61.2061, 0.2231, 0.2966

Square

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



61.2061, 0.4100, 0.3871



61.2061, 0.2852, 0.3937



61.2061, 0.2230, 0.2626



61.2061, 0.3352, 0.2750

Rectangle

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



61.2061, 0.4100, 0.3871



61.2061, 0.3516, 0.4216



61.2061, 0.2230, 0.2626



61.2061, 0.2691, 0.2498

Sweetspot

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



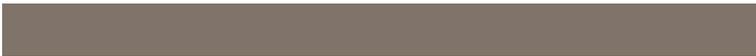
61.2090, 0.4100, 0.3871



86.5178, 0.3363, 0.3459



43.3321, 0.3702, 0.2647



18.1032, 0.3404, 0.3486



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.



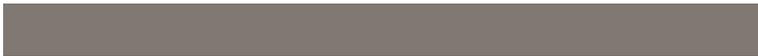
61.2090, 0.4100, 0.3871



55.0558, 0.4371, 0.3979



92.1012, 0.3830, 0.4394



19.4085, 0.3282, 0.3403



18.5456, 0.5486, 0.4026



2.0226, 0.5300, 0.4174

Inverse Universe

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



53.4067, 0.2386, 0.2611



46.3256, 0.2239, 0.2435



31.5859, 0.2253, 0.1878



18.9579, 0.2979, 0.3174



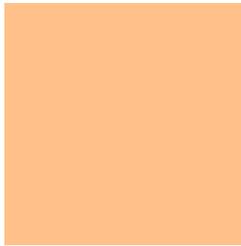
12.9863, 0.1795, 0.1660



1.4833, 0.1850, 0.1858

Previews

White Background



This preview shows how the Yxy color 61.2061, 0.4100, 0.3871 looks on a white background.

Color Contrast Check

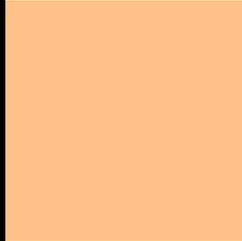
Large Text (above 18pt) WCAG AA × Fail

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 61.2061, 0.4100, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

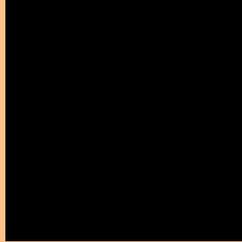
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2061, 0.4100, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 61.2061, 0.4100, 0.3871.



This preview shows how white text looks on a background with the Yxy color 61.2061, 0.4100, 0.3871.

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

61.2061, 0.4100, 0.3871

Protanopia

61.1452, 0.3730, 0.4013

Deuteranopia

61.4842, 0.4021, 0.3939



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.2061, 0.4100, 0.3871

Protanomaly

61.1592, 0.3862, 0.3967

Deuteranomaly

61.5814, 0.4051, 0.3922

Tritanomaly

61.2612, 0.3782, 0.3428

Monochromacy



Original Color

61.2061, 0.4100, 0.3871

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7566, 0.3461, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2061, 0.4100, 0.3871 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 137) }
```

Border

The CSS property to change the border of an element to Yxy 61.2061, 0.4100, 0.3871 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, 137) }
```

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

```
.border{ border-color:rgb(255, 193, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 193, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 193, 137); box-shadow:4px 4px 4px 4px rgb(255, 193, 137) }
```

Background

The CSS property to change the background color of an element to Yxy 61.2061, 0.4100, 0.3871 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, 137) }
```

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

```
.background{ background-color: rgb(255,  
193, 137) }
```

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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