

Converting Colors

$Y_{xy}(61.2686, 0.3915, 0.3615)$

Have a look what the booklet for
Yxy(61.2686, 0.3915, 0.3615)
contains.

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Color

Yxy(61.0948, 0.3914, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFA1
RGB	255, 191, 161
RGB Percent	100%, 75%, 63%
CMY	0.0000, 0.2510, 0.3686
CMYK	0.00, 0.25, 0.37, 0.00
HSL	19°, 100%, 82%
HSV	19°, 37%, 100%
XYZ	66.3131, 61.0948, 42.0175
YIQ	206.7160, 47.7740, 4.2380

Conversions

Conversions Part 2

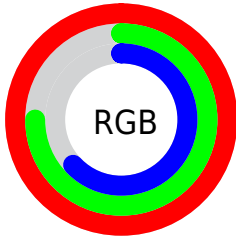
Format	Color
R _Y B	255, 205, 161
Decimal	16760737
CIE Lab	82.43, 19.20, 24.10
CIE LCh	82, 30.809, 51.459
Yxy	61.0948, 0.3914, 0.3606
Android (android.graphics.Color)	4294950817 (0xFFFFBFA1)
YUV	206.7160, -22.5380, 42.3451
Hunter-Lab	78.1632, 14.6527, 22.8422

Details

The Yxy color **61.0948, 0.3914, 0.3606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.6556, 0.2561, 0.2946**, and the grayscale version is **62.3255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3527, 0.3368, 0.3605**, and **30.7312, 0.4114, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **53.1517, 0.4215, 0.3690**, and if you desaturate by 10%, it is **70.1127, 0.3652, 0.3517**.

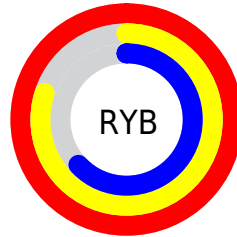
Distribution



Red (100%)

Green (75%)

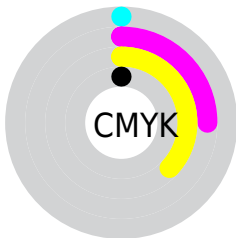
Blue (63%)



Red (100%)

Yellow (80%)

Blue (63%)

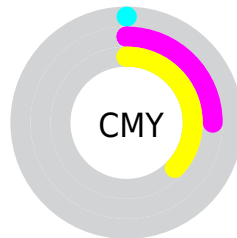


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0948, 0.3914, 0.3606 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 61.0948, 0.3914, 0.3606 by changing the saturation by 10% instead.


 61.0948, 0.3914,
0.3606

 61.0948, 0.3914,
0.3606


428.6215, 0.3535,
0.3468

 44.3017, 0.4003,
0.3635


 106.4162, 0.3780,
0.3560

 30.9077, 0.4115,
0.3668


 135.7132, 0.3729,
0.3542

 20.5286, 0.4258,
0.3708


169.9471, 0.3685,
0.3526

 12.7799, 0.4447,
0.3753

209.5021, 0.3647,
0.3511

 7.2771, 0.4706,
0.3803

254.7626, 0.3614,
0.3499

 3.6360, 0.5077,
0.3844

306.1131, 0.3585,

 1.4721, 0.5953,

0.3487

0.4047

363.9379, 0.3559,
0.3477

0.2690, 0.7292,
0.2708

0.0000, 0.0000,
0.0000

61.0948, 0.3914,
0.3606

61.0948, 0.3914,
0.3606

53.1517, 0.4215,
0.3690

70.1127, 0.3652,
0.3517

46.2508, 0.4553,
0.3761

80.2553, 0.3429,
0.3429

40.3435, 0.4915,
0.3808

91.5571, 0.3239,
0.3345

35.3802, 0.5278,
0.3817

100.0000, 0.3127,
0.3290

■ 31.3069, 0.5610,
0.3778

■ 28.0619, 0.5876,
0.3691

■ 27.1971, 0.5948,
0.3659

Harmonies

Analogous

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



61.0948, 0.3801, 0.3287



61.0948, 0.3914, 0.3606



61.0948, 0.3800, 0.3872

Triad

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



61.0948, 0.3914, 0.3606



61.0948, 0.2751, 0.3619



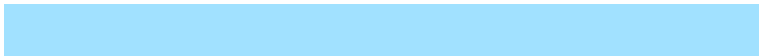
61.0948, 0.2729, 0.2654

Complementary

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



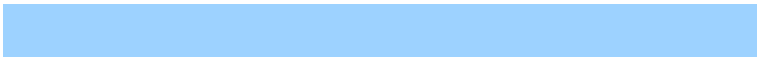
61.0948, 0.3914, 0.3606



68.6556, 0.2561, 0.2946

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.



61.0948, 0.2482, 0.2698



61.0948, 0.3914, 0.3606



61.0948, 0.2493, 0.3235

Square

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



61.0948, 0.3914, 0.3606



61.0948, 0.3119, 0.3911



61.0948, 0.2398, 0.2900



61.0948, 0.3096, 0.2760

Rectangle

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



61.0948, 0.3914, 0.3606



61.0948, 0.3618, 0.3976



61.0948, 0.2398, 0.2900



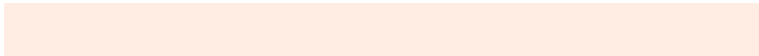
61.0948, 0.2631, 0.2651

Sweetspot

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



61.0915, 0.3914, 0.3606



86.7358, 0.3314, 0.3379



52.2008, 0.3419, 0.2640



18.2365, 0.3339, 0.3390



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.



61.0915, 0.3914, 0.3606



55.3149, 0.4125, 0.3667



84.8473, 0.3741, 0.4060



18.9328, 0.3286, 0.3366



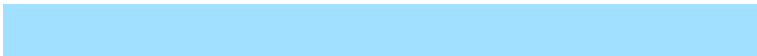
14.4477, 0.5918, 0.3683



1.5939, 0.5698, 0.3858

Inverse Universe

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



68.6556, 0.2561, 0.2946



63.8123, 0.2459, 0.2867



46.7332, 0.2479, 0.2378



19.4467, 0.2980, 0.3212



19.8011, 0.1947, 0.2210



2.1252, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 61.0948, 0.3914, 0.3606 looks on a white background.

Color Contrast Check

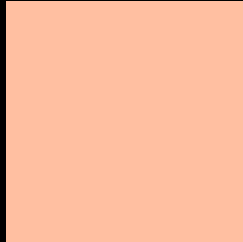
Large Text (above 18pt) WCAG AA × Fail

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 61.0948, 0.3914, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

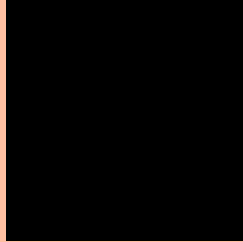
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0948, 0.3914, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 61.0948, 0.3914, 0.3606.



This preview shows how white text looks on a background with the Yxy color 61.0948, 0.3914, 0.3606.

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

61.0948, 0.3914, 0.3606

Protanopia

61.3952, 0.3503, 0.3720

Deuteranopia

61.1713, 0.3781, 0.3696



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

61.0948, 0.3914, 0.3606

Protanomaly

61.0141, 0.3647, 0.3684

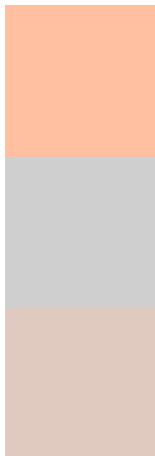
Deuteranomaly

61.1611, 0.3831, 0.3668

Tritanomaly

60.7716, 0.3711, 0.3313

Monochromacy



Original Color

61.0948, 0.3914, 0.3606

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3383, 0.3392, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0948, 0.3914, 0.3606 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, 191, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 161)  
}
```

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, 191, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 161) }
```

Border

The CSS property to change the border of an element to Yxy 61.0948, 0.3914, 0.3606 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, 191, 161) }
```

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

```
.border{ border-color:rgb(255, 191, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0948, 0.3914, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 161) }
```

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

```
.background{ background-color: rgb(255,  
191, 161) }
```

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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