

Converting Colors

$Y_{xy}(60.8758, 0.3924, 0.3613)$

Have a look what the booklet for
Yxy(60.8758, 0.3924, 0.3613)
contains.

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Color

Yxy(61.0597, 0.3922, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFA0
RGB	255, 191, 160
RGB Percent	100%, 75%, 63%
CMY	0.0001, 0.2509, 0.3726
CMYK	0.00, 0.25, 0.37, 0.00
HSL	20°, 100%, 81%
HSV	20°, 37%, 100%
XYZ	66.2085, 61.0597, 41.5449
YIQ	206.6020, 48.0950, 3.9270

Conversions

Conversions Part 2

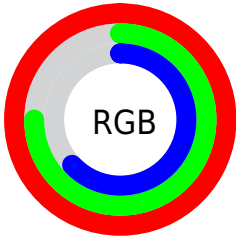
Format	Color
R_{YB}	255, 206, 160
Decimal	16760736
CIE _{Lab}	82.41, 19.04, 24.61
CIE _{LCh}	82, 31.121, 52.269
Yxy	61.0597, 0.3922, 0.3617
Android (android.graphics.Color)	4294950816 (0xFFFFBFA0)
YUV	206.6020, -22.9748, 42.4450
Hunter-Lab	78.1407, 14.4965, 23.1759

Details

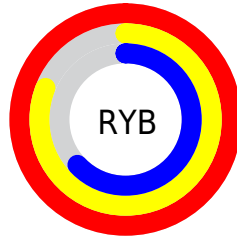
The Yxy color **61.0597, 0.3922, 0.3617** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.9703, 0.2554, 0.2933**, and the grayscale version is **62.2551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3011, 0.3374, 0.3615**, and **30.7098, 0.4125, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **53.2049, 0.4223, 0.3703**, and if you desaturate by 10%, it is **69.9810, 0.3660, 0.3526**.

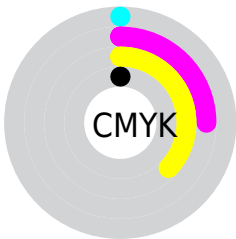
Distribution



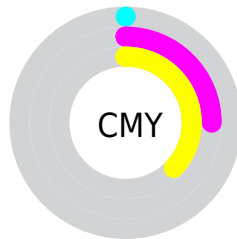
- Red (100%)
- Green (75%)
- Blue (63%)



- Red (100%)
- Yellow (81%)
- 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 61.0597, 0.3922, 0.3617 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 61.0597, 0.3922, 0.3617 by changing the saturation by 10% instead.


 61.0597, 0.3922,
0.3617


 61.0597, 0.3922,
0.3617


428.4929, 0.3540,
0.3474

 44.2733, 0.4012,
0.3647


 106.3654, 0.3787,
0.3570

 30.8855, 0.4125,
0.3682


 135.6535, 0.3735,
0.3550

 20.5116, 0.4269,
0.3723


169.8776, 0.3691,
0.3534

 12.7675, 0.4459,
0.3770

209.4222, 0.3652,
0.3519

 7.2686, 0.4720,
0.3821

254.6717, 0.3619,
0.3506

 3.6307, 0.5092,
0.3864

306.0103, 0.3589,

 1.4692, 0.5946,

0.3494

0.4054

363.8226, 0.3563,
0.3484

0.2669, 0.7292,
0.2708

0.0000, 0.0000,
0.0000

61.0597, 0.3922,
0.3617

61.0597, 0.3922,
0.3617

53.2049, 0.4223,
0.3703

69.9810, 0.3660,
0.3526

46.3664, 0.4559,
0.3775

79.9992, 0.3436,
0.3436

40.5028, 0.4918,
0.3822

91.1539, 0.3246,
0.3349

35.5659, 0.5277,
0.3831

99.9957, 0.3127,
0.3290

■ 31.5027, 0.5604,
0.3791

■ 28.2527, 0.5866,
0.3702

■ 27.4888, 0.5928,
0.3675

Harmonies

Analogous

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



61.0597, 0.3814, 0.3295



61.0597, 0.3922, 0.3617



61.0597, 0.3801, 0.3883

Triad

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



61.0597, 0.3922, 0.3617



61.0597, 0.2738, 0.3613



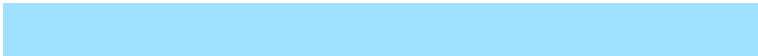
61.0597, 0.2734, 0.2649

Complementary

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



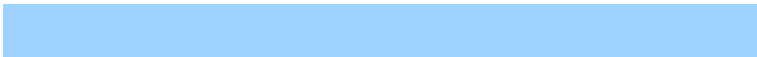
61.0597, 0.3922, 0.3617



67.9703, 0.2554, 0.2933

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.



61.0597, 0.2480, 0.2688



61.0597, 0.3922, 0.3617



61.0597, 0.2482, 0.3224

Square

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



61.0597, 0.3922, 0.3617



61.0597, 0.3108, 0.3912



61.0597, 0.2391, 0.2888



61.0597, 0.3106, 0.2759

Rectangle

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



61.0597, 0.3922, 0.3617



61.0597, 0.3614, 0.3986



61.0597, 0.2391, 0.2888



61.0597, 0.2633, 0.2645

Sweetspot

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



61.0626, 0.3922, 0.3617



86.8600, 0.3314, 0.3381



51.8217, 0.3423, 0.2633



18.2659, 0.3339, 0.3393



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.



61.0626, 0.3922, 0.3617



54.8982, 0.4152, 0.3684



84.6874, 0.3748, 0.4068



18.9561, 0.3286, 0.3368



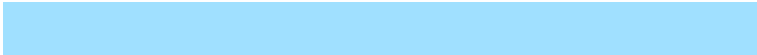
14.6068, 0.5899, 0.3698



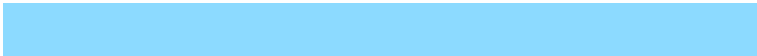
1.6116, 0.5679, 0.3873

Inverse Universe

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



67.9703, 0.2554, 0.2933



62.7064, 0.2443, 0.2845



46.2920, 0.2471, 0.2367



19.4223, 0.2980, 0.3210



19.4118, 0.1940, 0.2183



2.0894, 0.1979, 0.2324

Previews

White Background



This preview shows how the Yxy color 61.0597, 0.3922, 0.3617 looks on a white background.

Color Contrast Check

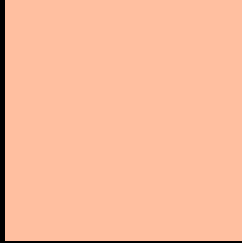
Large Text (above 18pt) WCAG AA × Fail

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 61.0597, 0.3922, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

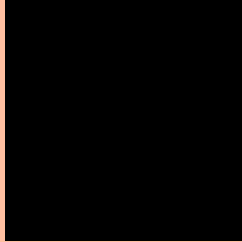
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0597, 0.3922, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 61.0597, 0.3922, 0.3617.



This preview shows how white text looks on a background with the Yxy color 61.0597, 0.3922, 0.3617.

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

61.0597, 0.3922, 0.3617

Protanopia

61.3581, 0.3510, 0.3731

Deuteranopia

61.1365, 0.3789, 0.3707



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

61.0597, 0.3922, 0.3617

Protanomaly

60.9778, 0.3655, 0.3696

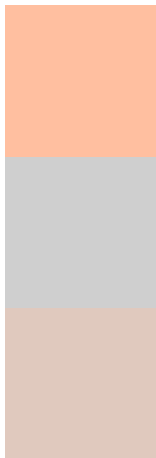
Deuteranomaly

61.1262, 0.3839, 0.3679

Tritanomaly

60.7292, 0.3720, 0.3323

Monochromacy



Original Color

61.0597, 0.3922, 0.3617

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 61.0597, 0.3922, 0.3617 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 160) }
```

Border

The CSS property to change the border of an element to Yxy 61.0597, 0.3922, 0.3617 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, 160) }
```

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

```
.border{ border-color:rgb(255, 191, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0597, 0.3922, 0.3617 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
191, 160) }
```

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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