

Converting Colors

Yxy(59.9802, 0.4167, 0.3916)

Have a look what the booklet for
Yxy(59.9802, 0.4167, 0.3916)
contains.

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Color

Yxy(60.1333, 0.4166, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF82
RGB	255, 191, 130
RGB Percent	100%, 75%, 51%
CMY	0.0000, 0.2510, 0.4902
CMYK	0.00, 0.25, 0.49, 0.00
HSL	29°, 100%, 75%
HSV	29°, 49%, 100%
XYZ	63.9070, 60.1333, 29.3610
YIQ	203.1820, 57.7250, -5.4030

Conversions

Conversions Part 2

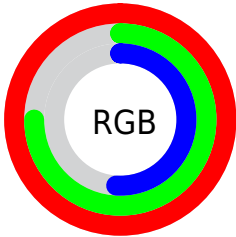
Format	Color
R _Y B	255, 249, 130
Decimal	16760706
CIE Lab	81.91, 16.00, 39.60
CIE LCh	82, 42.712, 67.994
Yxy	60.1333, 0.4166, 0.3920
Android (android.graphics.Color)	4294950786 (0xFFFFBF82)
YUV	203.1820, -36.0787, 45.4444
Hunter-Lab	77.5457, 11.4006, 31.8331

Details

The Yxy color **60.1333, 0.4166, 0.3920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5572, 0.2339, 0.2540**, and the grayscale version is **60.0435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2422, 0.3569, 0.3916**, and **30.4772, 0.4419, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **54.0860, 0.4444, 0.4028**, and if you desaturate by 10%, it is **66.8551, 0.3906, 0.3795**.

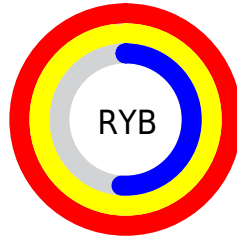
Distribution



Red (100%)

Green (75%)

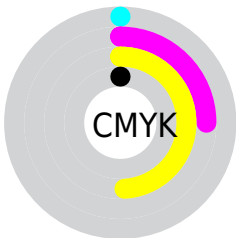
Blue (51%)



Red (100%)

Yellow (98%)

Blue (51%)

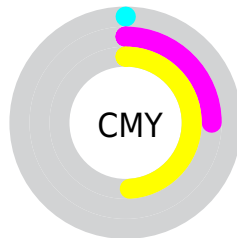


Cyan (0%)

Magenta (25%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1333, 0.4166, 0.3920 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 60.1333, 0.4166, 0.3920 by changing the saturation by 10% instead.


 60.1333, 0.4166,
0.3920

 60.1333, 0.4166,
0.3920


425.0889, 0.3673,
0.3644

 43.5261, 0.4279,
0.3976


 105.0230, 0.3994,
0.3829

 30.2981, 0.4416,
0.4041


 134.0743, 0.3927,
0.3792

 20.0650, 0.4587,
0.4114

 168.0424, 0.3870,
0.3760

 12.4423, 0.4803,
0.4194

207.3117, 0.3820,
0.3731

 7.0456, 0.5076,
0.4269

252.2666, 0.3776,
0.3706

 3.4907, 0.5571,
0.4429

303.2915, 0.3738,

 1.3929, 0.5803,

0.3683

0.4197

360.7708, 0.3704,
0.3662

0.2115, 0.7367,
0.2633

0.0000, 0.0000,
0.0000

60.1333, 0.4166,
0.3920

60.1333, 0.4166,
0.3920

54.0860, 0.4444,
0.4028

66.8551, 0.3906,
0.3795

48.6916, 0.4728,
0.4105

74.2801, 0.3669,
0.3662

43.9205, 0.5003,
0.4139

82.4294, 0.3459,
0.3529

39.7408, 0.5249,
0.4119

91.3246, 0.3274,
0.3400

■ 36.1121, 0.5453,
0.4045

100.0000, 0.3127,
0.3290

■ 35.7808, 0.5472,
0.4037

Harmonies

Analogous

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



60.1333, 0.4196, 0.3507



60.1333, 0.4166, 0.3920



60.1333, 0.3845, 0.4221

Triad

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



60.1333, 0.4166, 0.3920



60.1333, 0.2387, 0.3448



60.1333, 0.2836, 0.2489

Complementary

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



60.1333, 0.4166, 0.3920



50.5572, 0.2339, 0.2540

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.



60.1333, 0.2405, 0.2427



60.1333, 0.4166, 0.3920



60.1333, 0.2165, 0.2923

Square

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



60.1333, 0.4166, 0.3920



60.1333, 0.2812, 0.3976



60.1333, 0.2173, 0.2567



60.1333, 0.3387, 0.2723

Rectangle

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



60.1333, 0.4166, 0.3920



60.1333, 0.3523, 0.4289



60.1333, 0.2173, 0.2567



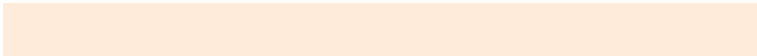
60.1333, 0.2674, 0.2447

Sweetspot

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



60.1318, 0.4166, 0.3920



85.9102, 0.3381, 0.3476



41.1498, 0.3774, 0.2631



17.9939, 0.3421, 0.3504



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.



60.1318, 0.4166, 0.3920



54.0946, 0.4443, 0.4028



93.0701, 0.3859, 0.4468



19.4503, 0.3282, 0.3406



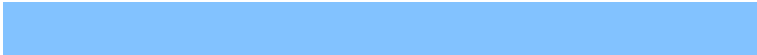
18.9929, 0.5446, 0.4058



2.0671, 0.5266, 0.4201

Inverse Universe

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



50.5572, 0.2339, 0.2540



43.4852, 0.2190, 0.2353



28.4949, 0.2189, 0.1756



18.9159, 0.2979, 0.3171



12.4958, 0.1782, 0.1614



1.4354, 0.1838, 0.1817

Previews

White Background



This preview shows how the Yxy color 60.1333, 0.4166, 0.3920 looks on a white background.

Color Contrast Check

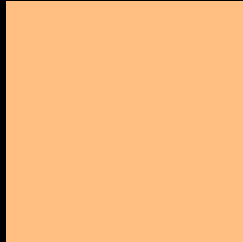
Large Text (above 18pt) WCAG AA × Fail

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 60.1333, 0.4166, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

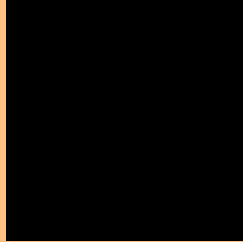
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1333, 0.4166, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 60.1333, 0.4166, 0.3920.



This preview shows how white text looks on a background with the Yxy color 60.1333, 0.4166, 0.3920.

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

60.1333, 0.4166, 0.3920

Protanopia

60.3072, 0.3777, 0.4083

Deuteranopia

60.2080, 0.4076, 0.3991



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

60.1333, 0.4166, 0.3920

Protanomaly

59.8639, 0.3915, 0.4023

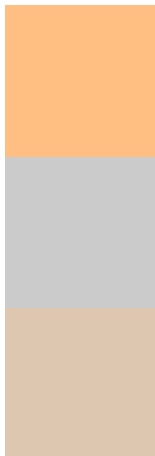
Deuteranomaly

60.3083, 0.4107, 0.3974

Tritanomaly

59.8178, 0.3826, 0.3439

Monochromacy



Original Color

60.1333, 0.4166, 0.3920

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5110, 0.3488, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1333, 0.4166, 0.3920 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 130) }
```

Border

The CSS property to change the border of an element to Yxy 60.1333, 0.4166, 0.3920 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, 130) }
```

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

```
.border{ border-color:rgb(255, 191, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1333, 0.4166, 0.3920 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
191, 130) }
```

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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