

Converting Colors

$Yxy(66.0069, 0.4381, 0.3892)$

Have a look what the booklet for
Yxy(66.0069, 0.4381, 0.3892)
contains.

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Color

Yxy(60.9584, 0.4170, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	FFC180
RGB	255, 193, 128
RGB Percent	100%, 76%, 50%
CMY	0.0000, 0.2431, 0.4980
CMYK	0.00, 0.24, 0.50, 0.00
HSL	31°, 100%, 75%
HSV	31°, 50%, 100%
XYZ	64.2073, 60.9584, 28.8086
YIQ	204.1280, 57.8170, -7.0710

Conversions

Conversions Part 2

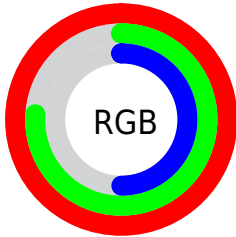
Format	Color
RYB	249, 255, 128
Decimal	16761216
CIELab	82.36, 14.77, 41.18
CIELCh	82, 43.752, 70.273
Yxy	60.9584, 0.4170, 0.3959
Android (android.graphics.Color)	4294951296 (0xFFFFC180)
YUV	204.1280, -37.5311, 44.6147
Hunter-Lab	78.0759, 10.1603, 32.7762

Details

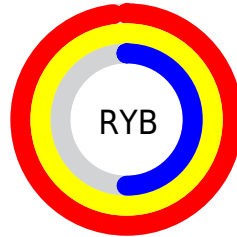
The Yxy color **60.9584, 0.4170, 0.3959** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.6414, 0.2319, 0.2487**, and the grayscale version is **60.6855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3888, 0.3577, 0.3954**, and **30.7368, 0.4429, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **55.0971, 0.4440, 0.4070**, and if you desaturate by 10%, it is **67.4574, 0.3915, 0.3829**.

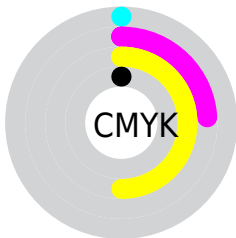
Distribution



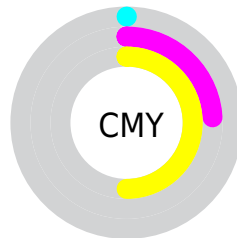
- Red (100%)
- Green (76%)
- Blue (50%)



- Red (98%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9584, 0.4170, 0.3959 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 60.9584, 0.4170, 0.3959 by changing the saturation by 10% instead.

 60.9584, 0.4170,
0.3959


 60.9584, 0.4170,
0.3959


428.1215, 0.3677,
0.3665

 44.1916, 0.4281,
0.4019


 106.2187, 0.3999,
0.3862

 30.8212, 0.4417,
0.4088


 135.4810, 0.3933,
0.3823

 20.4627, 0.4585,
0.4166


 169.6772, 0.3875,
0.3789

 12.7318, 0.4795,
0.4251

209.1918, 0.3825,
0.3758

 7.2441, 0.5056,
0.4332

254.4091, 0.3781,
0.3731

 3.6153, 0.5513,
0.4487

305.7136, 0.3743,

 1.4608, 0.5723,

0.3707

0.4277

363.4896, 0.3708,
0.3685

0.2609, 0.6999,
0.3001

0.0000, 0.0000,
0.0000

60.9584, 0.4170,
0.3959

60.9584, 0.4170,
0.3959

55.0971, 0.4440,
0.4070

67.4574, 0.3915,
0.3829

49.8408, 0.4713,
0.4150

74.6082, 0.3681,
0.3690

45.1658, 0.4974,
0.4185

82.4347, 0.3472,
0.3551

41.0422, 0.5205,
0.4166

90.9568, 0.3286,
0.3416

■ 37.4291, 0.5397,
0.4095

100.0000, 0.3127,
0.3290

■ 37.3607, 0.5401,
0.4094

Harmonies

Analogous

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



60.9584, 0.4226, 0.3542



60.9584, 0.4170, 0.3959



60.9584, 0.3823, 0.4253

Triad

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



60.9584, 0.4170, 0.3959



60.9584, 0.2348, 0.3407



60.9584, 0.2870, 0.2487

Complementary

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



60.9584, 0.4170, 0.3959



48.6414, 0.2319, 0.2487

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.



60.9584, 0.2419, 0.2409



60.9584, 0.4170, 0.3959



60.9584, 0.2140, 0.2880

Square

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



60.9584, 0.4170, 0.3959



60.9584, 0.2767, 0.3956



60.9584, 0.2166, 0.2535



60.9584, 0.3435, 0.2737

Rectangle

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



60.9584, 0.4170, 0.3959



60.9584, 0.3489, 0.4309



60.9584, 0.2166, 0.2535



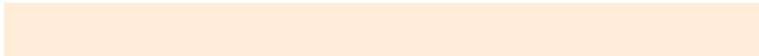
60.9584, 0.2701, 0.2440

Sweetspot

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



60.9612, 0.4170, 0.3959



86.4357, 0.3380, 0.3485



40.4862, 0.3813, 0.2642



18.1203, 0.3420, 0.3514



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.



60.9612, 0.4170, 0.3959



54.9850, 0.4445, 0.4072



94.3389, 0.3859, 0.4501



19.5243, 0.3281, 0.3412



19.8219, 0.5376, 0.4113



2.1487, 0.5205, 0.4249

Inverse Universe

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



48.6414, 0.2319, 0.2487



41.3688, 0.2164, 0.2284



27.2526, 0.2168, 0.1704



18.8419, 0.2979, 0.3165



11.6663, 0.1760, 0.1535



1.3537, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 60.9584, 0.4170, 0.3959 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 60.9584, 0.4170, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

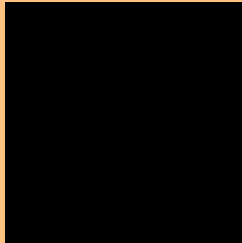
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9584, 0.4170, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 60.9584, 0.4170, 0.3959.



This preview shows how white text looks on a background with the Yxy color 60.9584, 0.4170, 0.3959.

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

60.9584, 0.4170, 0.3959

Protanopia

61.0441, 0.3804, 0.4110

Deuteranopia

60.9686, 0.4103, 0.4016



Tritanopia

60.9242, 0.3603, 0.3167

Trichromacy



Original Color

60.9584, 0.4170, 0.3959

Protanomaly

61.0741, 0.3938, 0.4059

Deuteranomaly

61.0717, 0.4133, 0.3998

Tritanomaly

60.6723, 0.3819, 0.3460

Monochromacy



Original Color

60.9584, 0.4170, 0.3959

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1311, 0.3494, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9584, 0.4170, 0.3959 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 128) }
```

Border

The CSS property to change the border of an element to Yxy 60.9584, 0.4170, 0.3959 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, 128) }
```

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

```
.border{ border-color:rgb(255, 193, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9584, 0.4170, 0.3959 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
193, 128) }
```

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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