

Converting Colors

$Y_{xy}(76.8900, 0.4300, 0.3644)$

Have a look what the booklet for
Yxy(76.8900, 0.4300, 0.3644)
contains.

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Color

Yxy(65.5714, 0.3883, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9A0
RGB	255, 201, 160
RGB Percent	100%, 79%, 63%
CMY	0.0000, 0.2118, 0.3725
CMYK	0.00, 0.21, 0.37, 0.00
HSL	26°, 100%, 81%
HSV	26°, 37%, 100%
XYZ	68.4814, 65.5714, 42.3092
YIQ	212.4720, 45.3450, -1.3030

Conversions

Conversions Part 2

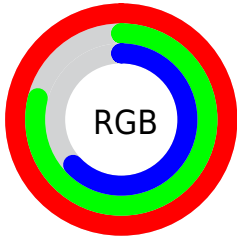
Format	Color
R _Y B	255, 232, 160
Decimal	16763296
CIE Lab	84.78, 13.86, 27.81
CIE LCh	85, 31.071, 63.510
Yxy	65.5714, 0.3883, 0.3718
Android (android.graphics.Color)	4294953376 (0xFFFFC9A0)
YUV	212.4720, -25.8687, 37.2971
Hunter-Lab	80.9762, 9.2488, 25.7049

Details

The Yxy color **65.5714, 0.3883, 0.3718** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.7973, 0.2537, 0.2814**, and the grayscale version is **66.3187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **33.8205, 0.4073, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **58.3220, 0.4154, 0.3831**, and if you desaturate by 10%, it is **73.6358, 0.3640, 0.3599**.

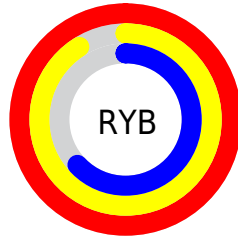
Distribution



Red (100%)

Green (79%)

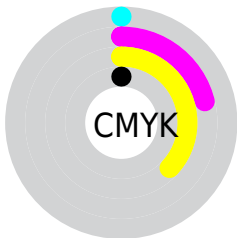
Blue (63%)



Red (100%)

Yellow (91%)

Blue (63%)

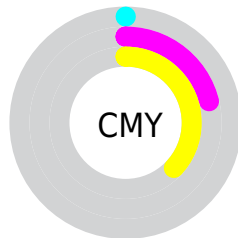


Cyan (0%)

Magenta (21%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5714, 0.3883, 0.3718 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 65.5714, 0.3883, 0.3718 by changing the saturation by 10% instead.


 65.5714, 0.3883,
0.3718

 65.5714, 0.3883,
0.3718


444.8425, 0.3525,
0.3528

 47.9246, 0.3966,
0.3759


 112.8710, 0.3758,
0.3654

 33.7671, 0.4068,
0.3807


 143.2925, 0.3710,
0.3629

 22.7148, 0.4198,
0.3865


178.7410, 0.3668,
0.3606

 14.3830, 0.4366,
0.3935

219.6009, 0.3632,
0.3587

 8.3876, 0.4592,
0.4018

266.2566, 0.3600,
0.3569

 4.3439, 0.4904,
0.4109

319.0925, 0.3572,

 1.8677, 0.5615,

0.3554

0.4385

378.4930, 0.3548,
0.3540

0.5289, 0.6139,
0.3861

0.0000, 0.0000,
0.0000

65.5714, 0.3883,
0.3718

65.5714, 0.3883,
0.3718

58.3220, 0.4154,
0.3831

73.6358, 0.3640,
0.3599

51.8678, 0.4451,
0.3929

82.5515, 0.3428,
0.3481

46.1751, 0.4761,
0.4000

92.3413, 0.3244,
0.3368

41.2102, 0.5068,
0.4030

100.0000, 0.3127,
0.3290

■ 36.9363, 0.5348,
0.4008

■ 33.3105, 0.5581,
0.3931

■ 32.4153, 0.5639,
0.3904

Harmonies

Analogous

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



65.5714, 0.3862, 0.3415



65.5714, 0.3883, 0.3718



65.5714, 0.3691, 0.3934

Triad

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



65.5714, 0.3883, 0.3718



65.5714, 0.2637, 0.3465



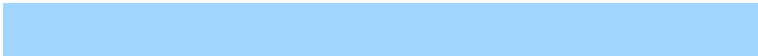
65.5714, 0.2870, 0.2688

Complementary

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



65.5714, 0.3883, 0.3718



62.7973, 0.2537, 0.2814

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.



65.5714, 0.2571, 0.2670



65.5714, 0.3883, 0.3718



65.5714, 0.2443, 0.3092

Square

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



65.5714, 0.3883, 0.3718



65.5714, 0.2966, 0.3805



65.5714, 0.2421, 0.2807



65.5714, 0.3257, 0.2844

Rectangle

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



65.5714, 0.3883, 0.3718



65.5714, 0.3475, 0.3988



65.5714, 0.2421, 0.2807



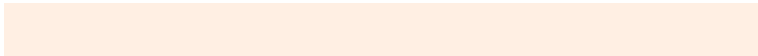
65.5714, 0.2757, 0.2666

Sweetspot

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



65.5683, 0.3883, 0.3718



88.5666, 0.3310, 0.3410



51.3335, 0.3509, 0.2724



18.6713, 0.3335, 0.3425



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.



65.5683, 0.3883, 0.3718



59.8826, 0.4091, 0.3807



90.3715, 0.3715, 0.4151



19.2759, 0.3283, 0.3393



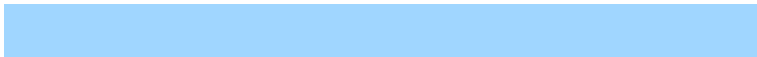
17.2209, 0.5611, 0.3927



1.8888, 0.5411, 0.4085

Inverse Universe

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



62.7973, 0.2537, 0.2814



56.7160, 0.2417, 0.2695



42.6731, 0.2455, 0.2251



19.0922, 0.2979, 0.3185



14.6541, 0.1836, 0.1809



1.6440, 0.1887, 0.1993

Previews

White Background



This preview shows how the Yxy color 65.5714, 0.3883, 0.3718 looks on a white background.

Color Contrast Check

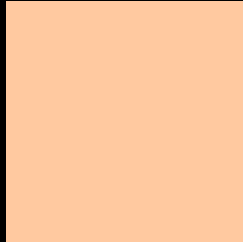
Large Text (above 18pt) WCAG AA × Fail

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 65.5714, 0.3883, 0.3718 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 65.5714, 0.3883, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 65.5714, 0.3883, 0.3718.

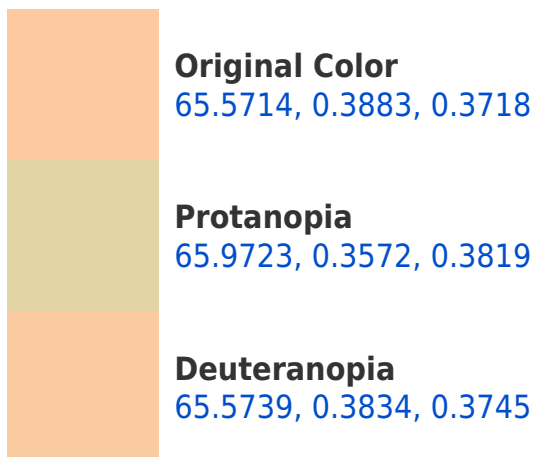


This preview shows how white text looks on a background with the Yxy color 65.5714, 0.3883, 0.3718.

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





Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.5714, 0.3883, 0.3718

Protanomaly

65.7606, 0.3687, 0.3783

Deuteranomaly

65.4746, 0.3854, 0.3733

Tritanomaly

65.4539, 0.3635, 0.3354

Monochromacy



Original Color

65.5714, 0.3883, 0.3718

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4560, 0.3390, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5714, 0.3883, 0.3718 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, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 160) }
```

Border

The CSS property to change the border of an element to Yxy 65.5714, 0.3883, 0.3718 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, 201, 160) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5714, 0.3883, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 160) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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