

Converting Colors

$Yxy(68.0467, 0.3980, 0.3946)$

Have a look what the booklet for
Yxy(68.0467, 0.3980, 0.3946)
contains.

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Color

Yxy(67.8993, 0.3979, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF90
RGB	255, 207, 144
RGB Percent	100%, 81%, 56%
CMY	0.0000, 0.1882, 0.4352
CMYK	0.00, 0.19, 0.44, 0.00
HSL	34°, 100%, 78%
HSV	34°, 44%, 100%
XYZ	68.5888, 67.8993, 35.8889
YIQ	214.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

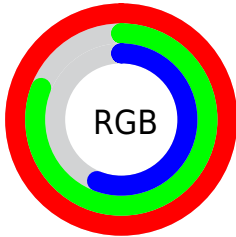
Format	Color
R_{YB}	229, 255, 144
Decimal	16764816
CIE _{Lab}	85.96, 9.01, 37.63
CIE _{LCh}	86, 38.697, 76.532
Yxy	67.8993, 0.3979, 0.3939
Android (android.graphics.Color)	4294954896 (0xFFFFCF90)
YUV	214.1700, -34.5938, 35.8079
Hunter-Lab	82.4010, 4.3777, 31.8576

Details

The Yxy color **67.8993, 0.3979, 0.3939** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.8640, 0.2407, 0.2529**, and the grayscale version is **67.5820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **35.3085, 0.4167, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **62.0495, 0.4223, 0.4076**, and if you desaturate by 10%, it is **74.3050, 0.3750, 0.3789**.

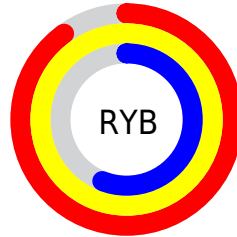
Distribution



Red (100%)

Green (81%)

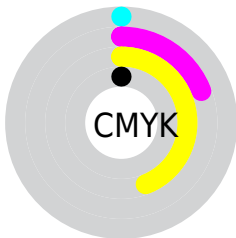
Blue (56%)



Red (90%)

Yellow (100%)

Blue (56%)

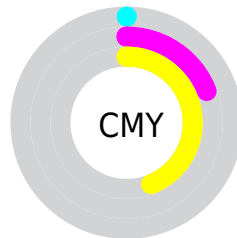


Cyan (0%)

Magenta (19%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8993, 0.3979, 0.3939 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 67.8993, 0.3979, 0.3939 by changing the saturation by 10% instead.


 67.8993, 0.3979,
0.3939


 67.8993, 0.3979,
0.3939

453.1391, 0.3584,
0.3650

 49.8158, 0.4068,
0.4000


 116.2081, 0.3843,
0.3842

 35.2671, 0.4175,
0.4073


 147.2022, 0.3789,
0.3803

 23.8687, 0.4309,
0.4160


183.2685, 0.3743,
0.3769

 15.2362, 0.4476,
0.4263

224.7917, 0.3703,
0.3740

 8.9853, 0.4688,
0.4382

272.1559, 0.3668,
0.3713

 4.7316, 0.4988,
0.4535

325.7456, 0.3637,

 2.0907, 0.5348,

0.3690

0.4652

385.9452, 0.3609,
0.3669

0.6594, 0.5622,
0.4378

0.0000, 0.0000,
0.0000

67.8993, 0.3979,
0.3939

67.8993, 0.3979,
0.3939

62.0495, 0.4223,
0.4076

74.3050, 0.3750,
0.3789

56.7263, 0.4472,
0.4189

81.2752, 0.3539,
0.3635

51.9117, 0.4716,
0.4266

88.8302, 0.3350,
0.3484

47.5819, 0.4940,
0.4294

96.9862, 0.3182,
0.3339

■ 43.7096, 0.5130,
0.4267

100.0000, 0.3127,
0.3290

■ 41.4215, 0.5235,
0.4225

Harmonies

Analogous

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



67.8993, 0.4079, 0.3597



67.8993, 0.3979, 0.3939



67.8993, 0.3646, 0.4140

Triad

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



67.8993, 0.3979, 0.3939



67.8993, 0.2403, 0.3294



67.8993, 0.3007, 0.2627

Complementary

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



67.8993, 0.3979, 0.3939



50.8640, 0.2407, 0.2529

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.



67.8993, 0.2587, 0.2527



67.8993, 0.3979, 0.3939



67.8993, 0.2260, 0.2868

Square

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



67.8993, 0.3979, 0.3939



67.8993, 0.2735, 0.3764



67.8993, 0.2325, 0.2603



67.8993, 0.3493, 0.2873

Rectangle

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



67.8993, 0.3979, 0.3939



67.8993, 0.3347, 0.4139



67.8993, 0.2325, 0.2603



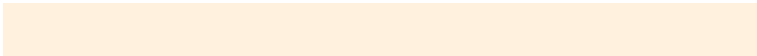
67.8993, 0.2853, 0.2575

Sweetspot

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



67.9025, 0.3979, 0.3939



89.2365, 0.3341, 0.3476



45.0276, 0.3768, 0.2793



18.7310, 0.3381, 0.3509



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.



67.9025, 0.3979, 0.3939



62.9025, 0.4185, 0.4057



93.4184, 0.3726, 0.4385



19.6980, 0.3280, 0.3425



21.9462, 0.5213, 0.4243



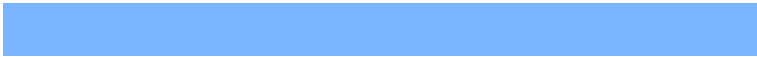
2.3541, 0.5065, 0.4360

Inverse Universe

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



50.8640, 0.2407, 0.2529



43.9293, 0.2265, 0.2347



33.7972, 0.2354, 0.1946



18.6700, 0.2979, 0.3151



9.9162, 0.1710, 0.1356



1.1777, 0.1771, 0.1576

Previews

White Background



This preview shows how the Yxy color 67.8993, 0.3979, 0.3939 looks on a white background.

Color Contrast Check

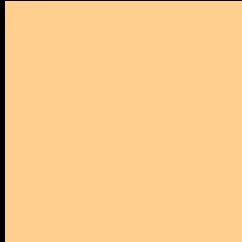
Large Text (above 18pt) WCAG AA × Fail

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 67.8993, 0.3979, 0.3939 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 67.8993, 0.3979, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 67.8993, 0.3979, 0.3939.



This preview shows how white text looks on a background with the Yxy color 67.8993, 0.3979, 0.3939.

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

67.8993, 0.3979, 0.3939

Protanopia

68.0311, 0.3747, 0.4035

Deuteranopia

68.1200, 0.3927, 0.3870



Tritanopia

67.8883, 0.3455, 0.3158

Trichromacy



Original Color

67.8993, 0.3979, 0.3939

Protanomaly

67.8631, 0.3830, 0.3998

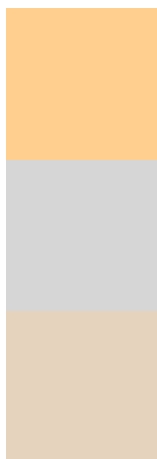
Deuteranomaly

68.0238, 0.3950, 0.3900

Tritanomaly

67.6460, 0.3647, 0.3437

Monochromacy



Original Color

67.8993, 0.3979, 0.3939

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9207, 0.3422, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8993, 0.3979, 0.3939 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, 207, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 144)  
}
```

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, 207, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 144) }
```

Border

The CSS property to change the border of an element to Yxy 67.8993, 0.3979, 0.3939 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, 207, 144) }
```

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

```
.border{ border-color:rgb(255, 207, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8993, 0.3979, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 144) }
```

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

```
.background{ background-color: rgb(255,  
207, 144) }
```

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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