

Converting Colors

$Y_{xy}(70.1485, 0.4108, 0.3955)$

Have a look what the booklet for
Yxy(70.1485, 0.4108, 0.3955)
contains.

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Color

Yxy(67.7791, 0.4008, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF8C
RGB	255, 207, 140
RGB Percent	100%, 81%, 55%
CMY	0.0002, 0.1881, 0.4510
CMYK	0.00, 0.19, 0.45, 0.00
HSL	35°, 100%, 77%
HSV	35°, 45%, 100%
XYZ	68.2731, 67.7791, 34.2899
YIQ	213.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

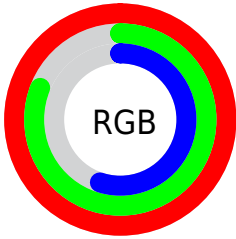
Format	Color
R_{YB}	222, 255, 140
Decimal	16764812
CIE _{Lab}	85.90, 8.58, 39.61
CIE _{LCh}	86, 40.531, 77.774
Yxy	67.7791, 0.4008, 0.3979
Android (android.graphics.Color)	4294954892 (0xFFFFCF8C)
YUV	213.7140, -36.3410, 36.2078
Hunter-Lab	82.3281, 3.9525, 32.9352

Details

The Yxy color **67.7791, 0.4008, 0.3979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7223, 0.2376, 0.2473**, and the grayscale version is **67.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **35.2395, 0.4203, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **62.1364, 0.4248, 0.4117**, and if you desaturate by 10%, it is **73.9492, 0.3780, 0.3827**.

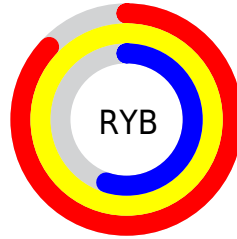
Distribution



Red (100%)

Green (81%)

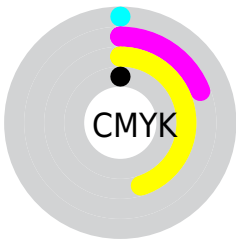
Blue (55%)



Red (87%)

Yellow (100%)

Blue (55%)

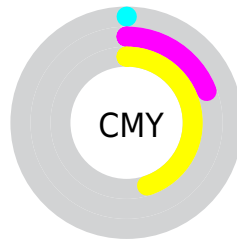


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7791, 0.4008, 0.3979 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 67.7791, 0.4008, 0.3979 by changing the saturation by 10% instead.


 67.7791, 0.4008,
0.3979


 67.7791, 0.4008,
0.3979


452.7130, 0.3600,
0.3672

 49.7180, 0.4099,
0.4044


 116.0361, 0.3868,
0.3876

 35.1894, 0.4209,
0.4120


 147.0008, 0.3813,
0.3835

 23.8088, 0.4344,
0.4211


 183.0355, 0.3765,
0.3799

 15.1919, 0.4513,
0.4318

224.5246, 0.3724,
0.3768

 8.9542, 0.4724,
0.4439

271.8525, 0.3687,
0.3740

 4.7113, 0.5041,
0.4614

325.4036, 0.3655,

 2.0789, 0.5327,

0.3715

0.4673

385.5623, 0.3626,
0.3692

0.6527, 0.5598,
0.4402

0.0000, 0.0000,
0.0000

67.7791, 0.4008,
0.3979

67.7791, 0.4008,
0.3979

62.1364, 0.4248,
0.4117

73.9492, 0.3780,
0.3827

56.9925, 0.4491,
0.4228

80.6546, 0.3569,
0.3669

52.3298, 0.4725,
0.4301

87.9152, 0.3378,
0.3513

48.1251, 0.4937,
0.4324

95.7464, 0.3207,
0.3363

■ 44.3510, 0.5113,
0.4293

99.9912, 0.3127,
0.3290

■ 42.6404, 0.5189,
0.4262

Harmonies

Analogous

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



67.7791, 0.4126, 0.3624



67.7791, 0.4008, 0.3979



67.7791, 0.3651, 0.4185

Triad

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



67.7791, 0.4008, 0.3979



67.7791, 0.2360, 0.3271



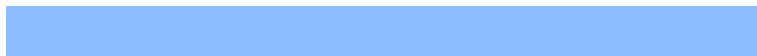
67.7791, 0.3021, 0.2606

Complementary

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



67.7791, 0.4008, 0.3979



48.7223, 0.2376, 0.2473

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.



67.7791, 0.2577, 0.2495



67.7791, 0.4008, 0.3979



67.7791, 0.2221, 0.2831

Square

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



67.7791, 0.4008, 0.3979



67.7791, 0.2698, 0.3770



67.7791, 0.2297, 0.2564



67.7791, 0.3531, 0.2867

Rectangle

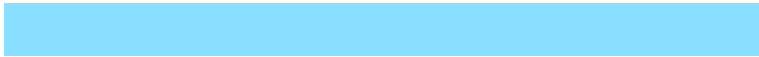
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7791, 0.4008, 0.3979



67.7791, 0.3335, 0.4178



67.7791, 0.2297, 0.2564



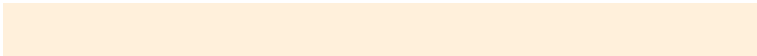
67.7791, 0.2859, 0.2551

Sweetspot

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



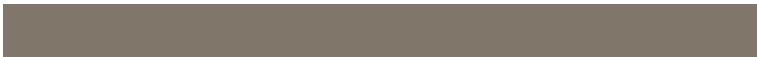
67.7823, 0.4008, 0.3979



88.7793, 0.3358, 0.3497



43.7132, 0.3802, 0.2776



18.6539, 0.3397, 0.3530



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.



67.7823, 0.4008, 0.3979



62.7541, 0.4221, 0.4103



93.2105, 0.3745, 0.4422



19.7470, 0.3280, 0.3428



22.5913, 0.5168, 0.4278



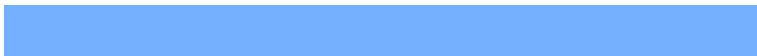
2.4156, 0.5026, 0.4391

Inverse Universe

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



48.7223, 0.2376, 0.2473



41.5684, 0.2227, 0.2275



32.2333, 0.2321, 0.1890



18.6220, 0.2979, 0.3148



9.4706, 0.1697, 0.1309



1.1319, 0.1759, 0.1531

Previews

White Background



This preview shows how the Yxy color 67.7791, 0.4008, 0.3979 looks on a white background.

Color Contrast Check

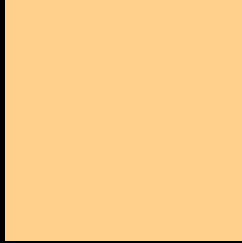
Large Text (above 18pt) WCAG AA × Fail

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 67.7791, 0.4008, 0.3979 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 67.7791, 0.4008, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 67.7791, 0.4008, 0.3979.



This preview shows how white text looks on a background with the Yxy color 67.7791, 0.4008, 0.3979.

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

67.7791, 0.4008, 0.3979

Protanopia

67.9077, 0.3774, 0.4077

Deuteranopia

67.5725, 0.3947, 0.3880



Tritanopia

67.8374, 0.3463, 0.3168

Trichromacy



Original Color

67.7791, 0.4008, 0.3979

Protanomaly

67.7407, 0.3858, 0.4039

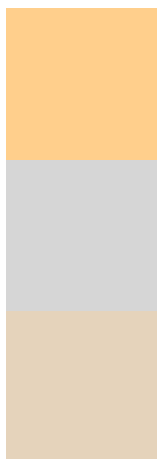
Deuteranomaly

67.4779, 0.3969, 0.3910

Tritanomaly

67.5170, 0.3670, 0.3468

Monochromacy



Original Color

67.7791, 0.4008, 0.3979

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8344, 0.3436, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7791, 0.4008, 0.3979 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 140) }
```

Border

The CSS property to change the border of an element to Yxy 67.7791, 0.4008, 0.3979 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, 140) }
```

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

```
.border{ border-color:rgb(255, 207, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7791, 0.4008, 0.3979 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
207, 140) }
```

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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