

Converting Colors

$Y_{xy}(72.8274, 0.4195, 0.3911)$

Have a look what the booklet for
Yxy(72.8274, 0.4195, 0.3911)
contains.

Yxy(67.8087, 0.4001, 0.3969)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.8087, 0.4001, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF8D
RGB	255, 207, 141
RGB Percent	100%, 81%, 55%
CMY	0.0001, 0.1882, 0.4471
CMYK	0.00, 0.19, 0.45, 0.00
HSL	35°, 100%, 78%
HSV	35°, 45%, 100%
XYZ	68.3554, 67.8087, 34.6817
YIQ	213.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

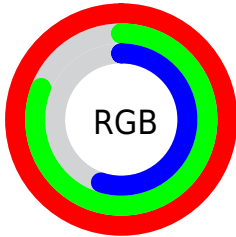
Format	Color
R _Y B	224, 255, 141
Decimal	16764813
CIE Lab	85.91, 8.70, 39.12
CIE LCh	86, 40.076, 77.464
Yxy	67.8087, 0.4001, 0.3969
Android (android.graphics.Color)	4294954893 (0xFFFFCF8D)
YUV	213.8280, -35.9042, 36.1078
Hunter-Lab	82.3460, 4.0672, 32.6710

Details

The Yxy color **67.8087, 0.4001, 0.3969** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2603, 0.2384, 0.2487**, and the grayscale version is **67.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **35.2564, 0.4194, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **62.1138, 0.4242, 0.4107**, and if you desaturate by 10%, it is **74.0381, 0.3772, 0.3817**.

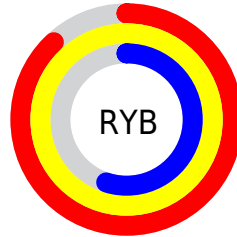
Distribution



Red (100%)

Green (81%)

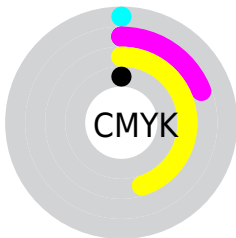
Blue (55%)



Red (88%)

Yellow (100%)

Blue (55%)

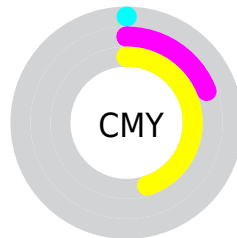


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (19%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8087, 0.4001, 0.3969 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 67.8087, 0.4001, 0.3969 by changing the saturation by 10% instead.

 67.8087, 0.4001,
0.3969

 67.8087, 0.4001,
0.3969


452.8179, 0.3596,
0.3667


 49.7421, 0.4091,
0.4033


 116.0784, 0.3862,
0.3868

 35.2085, 0.4201,
0.4109


 147.0504, 0.3807,
0.3827

 23.8236, 0.4336,
0.4198


 183.0929, 0.3760,
0.3792

 15.2028, 0.4504,
0.4304

224.5904, 0.3719,
0.3761

 8.9618, 0.4716,
0.4425

271.9272, 0.3683,
0.3733

 4.7163, 0.5028,
0.4594

325.4878, 0.3651,

 2.0818, 0.5332,

0.3709

0.4668

385.6566, 0.3622,
0.3687

0.6544, 0.5604,
0.4396

0.0000, 0.0000,
0.0000

67.8087, 0.4001,
0.3969

67.8087, 0.4001,
0.3969

62.1138, 0.4242,
0.4107

74.0381, 0.3772,
0.3817

56.9247, 0.4487,
0.4219

80.8102, 0.3562,
0.3661

52.2237, 0.4723,
0.4292

88.1447, 0.3371,
0.3506

47.9873, 0.4938,
0.4317

96.0576, 0.3200,
0.3357

■ 44.1884, 0.5118, 99.9967, 0.3127,
0.4286 0.3290

■ 42.3364, 0.5201,
0.4253

Harmonies

Analogous

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



67.8087, 0.4115, 0.3617



67.8087, 0.4001, 0.3969



67.8087, 0.3650, 0.4174

Triad

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



67.8087, 0.4001, 0.3969



67.8087, 0.2370, 0.3277



67.8087, 0.3017, 0.2611

Complementary

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



67.8087, 0.4001, 0.3969



49.2603, 0.2384, 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.



67.8087, 0.2579, 0.2502



67.8087, 0.4001, 0.3969



67.8087, 0.2230, 0.2841

Square

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



67.8087, 0.4001, 0.3969



67.8087, 0.2708, 0.3769



67.8087, 0.2304, 0.2574



67.8087, 0.3521, 0.2868

Rectangle

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



67.8087, 0.4001, 0.3969



67.8087, 0.3338, 0.4169



67.8087, 0.2304, 0.2574



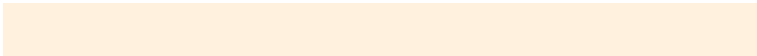
67.8087, 0.2857, 0.2557

Sweetspot

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



67.8119, 0.4001, 0.3969



89.4659, 0.3340, 0.3480



44.0394, 0.3794, 0.2780



18.7876, 0.3380, 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.



67.8119, 0.4001, 0.3969



62.5079, 0.4225, 0.4098



93.2759, 0.3740, 0.4413



19.7347, 0.3280, 0.3428



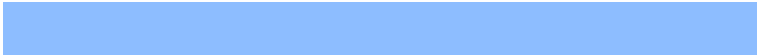
22.4271, 0.5180, 0.4269



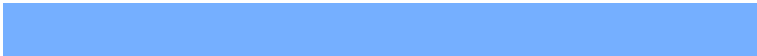
2.3999, 0.5036, 0.4383

Inverse Universe

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



49.2603, 0.2384, 0.2487



41.7790, 0.2228, 0.2282



32.6181, 0.2329, 0.1904



18.6340, 0.2979, 0.3149



9.5808, 0.1700, 0.1321



1.1433, 0.1762, 0.1542

Previews

White Background



This preview shows how the Yxy color 67.8087, 0.4001, 0.3969 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 67.8087, 0.4001, 0.3969 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 67.8087, 0.4001, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 67.8087, 0.4001, 0.3969.



This preview shows how white text looks on a background with the Yxy color 67.8087, 0.4001, 0.3969.

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

67.8087, 0.4001, 0.3969

Protanopia

67.9381, 0.3767, 0.4067

Deuteranopia

67.5725, 0.3947, 0.3880



Tritanopia

67.8374, 0.3463, 0.3168

Trichromacy



Original Color

67.8087, 0.4001, 0.3969

Protanomaly

67.7709, 0.3851, 0.4029

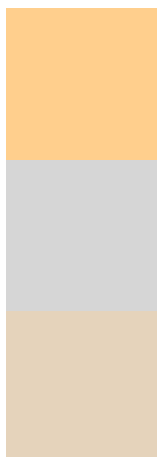
Deuteranomaly

67.4779, 0.3969, 0.3910

Tritanomaly

67.5597, 0.3662, 0.3457

Monochromacy



Original Color

67.8087, 0.4001, 0.3969

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 67.8087, 0.4001, 0.3969 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 141) }
```

Border

The CSS property to change the border of an element to Yxy 67.8087, 0.4001, 0.3969 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, 141) }
```

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

```
.border{ border-color:rgb(255, 207, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 141); box-shadow:4px 4px 4px 4px rgb(255, 207, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8087, 0.4001, 0.3969 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
207, 141) }
```

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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