

Converting Colors

$Y_{xy}(67.0292, 0.3966, 0.3890)$

Have a look what the booklet for
Yxy(67.0292, 0.3966, 0.3890)
contains.

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Color

Yxy(67.0292, 0.3966, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	FFCD93
RGB	255, 205, 147
RGB Percent	100%, 80%, 58%
CMY	0.0000, 0.1961, 0.4235
CMYK	0.00, 0.20, 0.42, 0.00
HSL	32°, 100%, 79%
HSV	32°, 42%, 100%
XYZ	68.3388, 67.0292, 36.9436
YIQ	213.3380, 48.4180, -7.4380

Conversions

Conversions Part 2

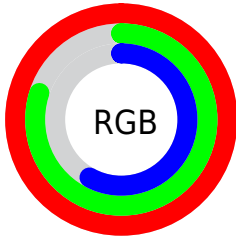
Format	Color
R _Y B	240, 255, 147
Decimal	16764307
CIE Lab	85.52, 10.35, 35.54
CIE LCh	86, 37.015, 73.759
Yxy	67.0292, 0.3966, 0.3890
Android (android.graphics.Color)	4294954387 (0xFFFFCD93)
YUV	213.3380, -32.7046, 36.5376
Hunter-Lab	81.8714, 5.7207, 30.5560

Details

The Yxy color **67.0292, 0.3966, 0.3890** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3592, 0.2433, 0.2594**, and the grayscale version is **66.9788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **34.7135, 0.4154, 0.4012** is the 20% darker color. If you saturate the color by 10%, you get **60.8814, 0.4218, 0.4022**, and if you desaturate by 10%, it is **73.7865, 0.3732, 0.3747**.

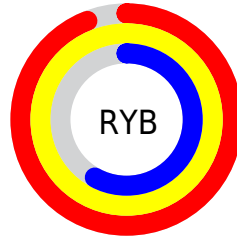
Distribution



Red (100%)

Green (80%)

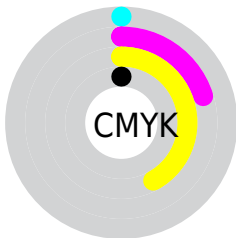
Blue (58%)



Red (94%)

Yellow (100%)

Blue (58%)

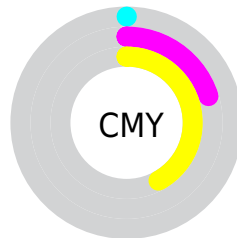


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0292, 0.3966, 0.3890 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 67.0292, 0.3966, 0.3890 by changing the saturation by 10% instead.


 67.0292, 0.3966,
0.3890


 67.0292, 0.3966,
0.3890


450.0487, 0.3574,
0.3623

 49.1084, 0.4055,
0.3947


 114.9623, 0.3830,
0.3800

 34.7054, 0.4163,
0.4014


 145.7432, 0.3778,
0.3764

 23.4361, 0.4297,
0.4095


181.5798, 0.3732,
0.3733

 14.9158, 0.4468,
0.4191

222.8562, 0.3692,
0.3706

 8.7603, 0.4687,
0.4301

269.9569, 0.3657,
0.3681

 4.5852, 0.4991,
0.4436

323.2663, 0.3627,

 2.0060, 0.5423,

0.3660

0.4577

383.1687, 0.3599,
0.3640

0.6110, 0.5770,
0.4230

0.0000, 0.0000,
0.0000

67.0292, 0.3966,
0.3890

67.0292, 0.3966,
0.3890

60.8814, 0.4218,
0.4022

73.7865, 0.3732,
0.3747

55.3130, 0.4479,
0.4132

81.1643, 0.3520,
0.3600

50.3042, 0.4739,
0.4207

89.1842, 0.3331,
0.3457

45.8294, 0.4981,
0.4235

97.8640, 0.3163,
0.3321

■ 41.8597, 0.5190,
0.4207

100.0000, 0.3127,
0.3290

■ 39.1356, 0.5325,
0.4154

Harmonies

Analogous

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



67.0292, 0.4037, 0.3555



67.0292, 0.3966, 0.3890



67.0292, 0.3664, 0.4098

Triad

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



67.0292, 0.3966, 0.3890



67.0292, 0.2453, 0.3337



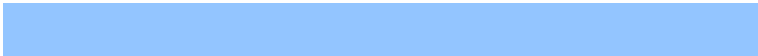
67.0292, 0.2970, 0.2635

Complementary

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



67.0292, 0.3966, 0.3890



53.3592, 0.2433, 0.2594

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.



67.0292, 0.2577, 0.2554



67.0292, 0.3966, 0.3890



67.0292, 0.2296, 0.2918

Square

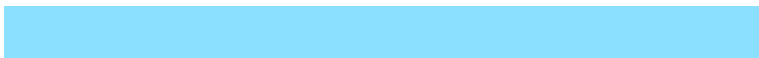
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0292, 0.3966, 0.3890



67.0292, 0.2788, 0.3782



67.0292, 0.2340, 0.2645



67.0292, 0.3437, 0.2861

Rectangle

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



67.0292, 0.3966, 0.3890



67.0292, 0.3382, 0.4111



67.0292, 0.2340, 0.2645



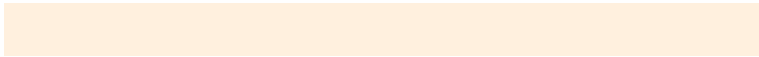
67.0292, 0.2825, 0.2590

Sweetspot

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



67.0321, 0.3966, 0.3890



88.6418, 0.3342, 0.3466



46.1807, 0.3707, 0.2770



18.5841, 0.3382, 0.3498



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.



67.0321, 0.3966, 0.3890



61.6764, 0.4183, 0.4006



94.2106, 0.3736, 0.4348



19.6029, 0.3281, 0.3418



20.7514, 0.5302, 0.4172



2.2392, 0.5141, 0.4300

Inverse Universe

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



53.3592, 0.2433, 0.2594



46.3403, 0.2292, 0.2420



34.6330, 0.2354, 0.1980



18.7638, 0.2979, 0.3159



10.8413, 0.1737, 0.1452



1.2715, 0.1796, 0.1667

Previews

White Background



This preview shows how the Yxy color 67.0292, 0.3966, 0.3890 looks on a white background.

Color Contrast Check

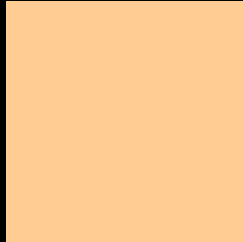
Large Text (above 18pt) WCAG AA × Fail

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 67.0292, 0.3966, 0.3890 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 67.0292, 0.3966, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 67.0292, 0.3966, 0.3890.



This preview shows how white text looks on a background with the Yxy color 67.0292, 0.3966, 0.3890.

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

67.0292, 0.3966, 0.3890

Protanopia

67.3164, 0.3706, 0.3986

Deuteranopia

67.0608, 0.3959, 0.3880



Tritanopia

66.8603, 0.3474, 0.3158

Trichromacy



Original Color

67.0292, 0.3966, 0.3890

Protanomaly

67.3158, 0.3797, 0.3948

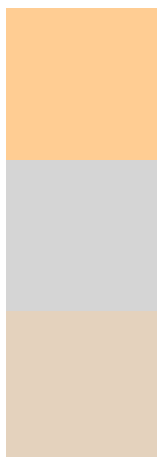
Deuteranomaly

67.0608, 0.3959, 0.3880

Tritanomaly

66.6641, 0.3660, 0.3426

Monochromacy



Original Color

67.0292, 0.3966, 0.3890

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2613, 0.3416, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0292, 0.3966, 0.3890 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, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 147)  
}
```

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, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 147) }
```

Border

The CSS property to change the border of an element to Yxy 67.0292, 0.3966, 0.3890 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, 205, 147) }
```

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

```
.border{ border-color:rgb(255, 205, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0292, 0.3966, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 147) }
```

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

```
.background{ background-color: rgb(255,  
205, 147) }
```

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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