

Converting Colors

$Y_{xy}(70.0000, 0.3947, 0.3960)$

Have a look what the booklet for
Yxy(70.0000, 0.3947, 0.3960)
contains.

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Color

Yxy(69.9239, 0.3947, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	FFD392
RGB	255, 211, 146
RGB Percent	100%, 83%, 57%
CMY	0.0000, 0.1726, 0.4275
CMYK	0.00, 0.17, 0.43, 0.00
HSL	36°, 100%, 79%
HSV	36°, 43%, 100%
XYZ	69.7296, 69.9239, 37.0113
YIQ	216.7460, 47.0890, -10.8870

Conversions

Conversions Part 2

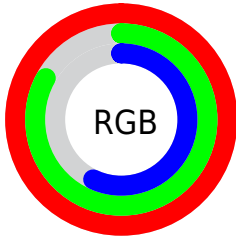
Format	Color
R _Y B	220, 255, 146
Decimal	16765842
CIE Lab	86.96, 7.16, 37.94
CIE LCh	87, 38.607, 79.312
Yxy	69.9239, 0.3947, 0.3958
Android (android.graphics.Color)	4294955922 (0xFFFFD392)
YUV	216.7460, -34.8778, 33.5488
Hunter-Lab	83.6205, 2.5119, 32.2920

Details

The Yxy color **69.9239, 0.3947, 0.3958** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.1548, 0.2413, 0.2505**, and the grayscale version is **69.4211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **36.6579, 0.4129, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **64.2630, 0.4181, 0.4103**, and if you desaturate by 10%, it is **76.0853, 0.3725, 0.3801**.

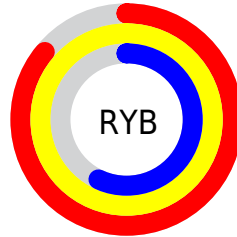
Distribution



Red (100%)

Green (83%)

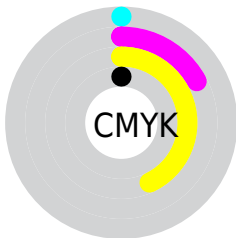
Blue (57%)



Red (86%)

Yellow (100%)

Blue (57%)

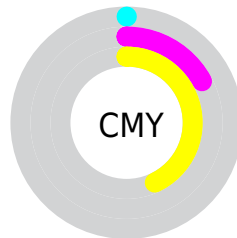


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9239, 0.3947, 0.3958 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 69.9239, 0.3947, 0.3958 by changing the saturation by 10% instead.

 69.9239, 0.3947,
0.3958


 69.9239, 0.3947,
0.3958

460.2828, 0.3569,
0.3660

 51.4645, 0.4031,
0.4022


 119.1002, 0.3817,
0.3858

 36.5784, 0.4133,
0.4097


 150.5859, 0.3766,
0.3818

 24.8812, 0.4259,
0.4188


187.1825, 0.3722,
0.3783

 15.9886, 0.4416,
0.4297

229.2744, 0.3684,
0.3752

 9.5161, 0.4614,
0.4424

277.2460, 0.3650,
0.3725

 5.0793, 0.4880,
0.4582

331.4817, 0.3620,

 2.2939, 0.5242,

0.3701

0.4758

392.3658, 0.3593,
0.3679

0.7705, 0.5412,
0.4588

0.0000, 0.0000,
0.0000

69.9239, 0.3947,
0.3958

69.9239, 0.3947,
0.3958

64.2630, 0.4181,
0.4103

76.0853, 0.3725,
0.3801

59.0907, 0.4419,
0.4225

82.7700, 0.3520,
0.3640

54.3852, 0.4650,
0.4310

89.9916, 0.3335,
0.3482

50.1247, 0.4862,
0.4349

97.7649, 0.3169,
0.3330

■ 46.2839, 0.5041,
0.4333

100.0000, 0.3127,
0.3290

■ 43.7374, 0.5150,
0.4293

Harmonies

Analogous

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



69.9239, 0.4070, 0.3629



69.9239, 0.3947, 0.3958



69.9239, 0.3602, 0.4137

Triad

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



69.9239, 0.3947, 0.3958



69.9239, 0.2390, 0.3251



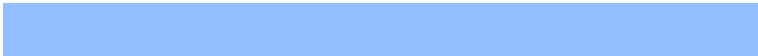
69.9239, 0.3052, 0.2651

Complementary

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



69.9239, 0.3947, 0.3958



50.1548, 0.2413, 0.2505

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.



69.9239, 0.2626, 0.2537



69.9239, 0.3947, 0.3958



69.9239, 0.2267, 0.2842

Square

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



69.9239, 0.3947, 0.3958



69.9239, 0.2703, 0.3718



69.9239, 0.2350, 0.2596



69.9239, 0.3532, 0.2906

Rectangle

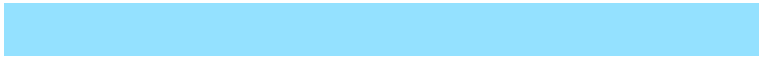
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9239, 0.3947, 0.3958



69.9239, 0.3302, 0.4118



69.9239, 0.2350, 0.2596



69.9239, 0.2898, 0.2596

Sweetspot

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



69.9219, 0.3947, 0.3958



89.8032, 0.3340, 0.3486



45.5948, 0.3771, 0.2820



18.8710, 0.3379, 0.3520



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.



69.9219, 0.3947, 0.3958



65.2168, 0.4139, 0.4079



93.1727, 0.3703, 0.4372



19.7885, 0.3279, 0.3432



23.1544, 0.5130, 0.4308



2.4689, 0.4994, 0.4417

Inverse Universe

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



50.1548, 0.2413, 0.2505



43.1974, 0.2272, 0.2320



34.7511, 0.2382, 0.1978



18.5814, 0.2979, 0.3144



9.1086, 0.1686, 0.1269



1.0944, 0.1748, 0.1492

Previews

White Background



This preview shows how the Yxy color 69.9239, 0.3947, 0.3958 looks on a white background.

Color Contrast Check

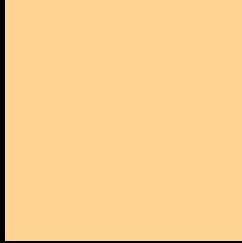
Large Text (above 18pt) WCAG AA × Fail

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 69.9239, 0.3947, 0.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

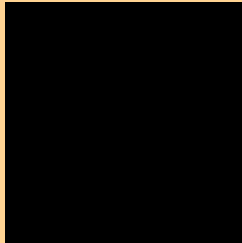
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9239, 0.3947, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 69.9239, 0.3947, 0.3958.



This preview shows how white text looks on a background with the Yxy color 69.9239, 0.3947, 0.3958.

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

69.9239, 0.3947, 0.3958

Protanopia

70.1456, 0.3746, 0.4037

Deuteranopia

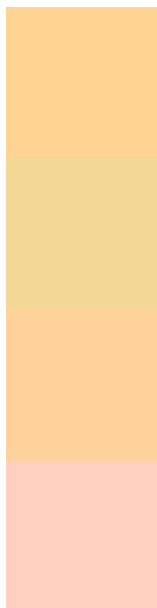
69.8913, 0.3848, 0.3808



Tritanopia

69.9846, 0.3418, 0.3159

Trichromacy



Original Color

69.9239, 0.3947, 0.3958

Protanomaly

69.7937, 0.3820, 0.4002

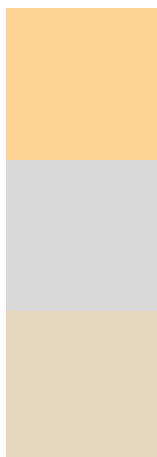
Deuteranomaly

69.7197, 0.3885, 0.3859

Tritanomaly

69.6914, 0.3613, 0.3446

Monochromacy



Original Color

69.9239, 0.3947, 0.3958

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3514, 0.3415, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9239, 0.3947, 0.3958 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, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 146)  
}
```

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, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 146) }
```

Border

The CSS property to change the border of an element to Yxy 69.9239, 0.3947, 0.3958 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, 211, 146) }
```

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

```
.border{ border-color:rgb(255, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9239, 0.3947, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 146) }
```

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

```
.background{ background-color: rgb(255,  
211, 146) }
```

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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