

Converting Colors

$Y_{xy}(78.8856, 0.4259, 0.3851)$

Have a look what the booklet for
Yxy(78.8856, 0.4259, 0.3851)
contains.

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Color

Yxy(69.9866, 0.3932, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	FFD394
RGB	255, 211, 148
RGB Percent	100%, 83%, 58%
CMY	0.0000, 0.1725, 0.4195
CMYK	0.00, 0.17, 0.42, 0.00
HSL	35°, 100%, 79%
HSV	35°, 42%, 100%
XYZ	69.8800, 69.9866, 37.8546
YIQ	216.9740, 46.4470, -10.2650

Conversions

Conversions Part 2

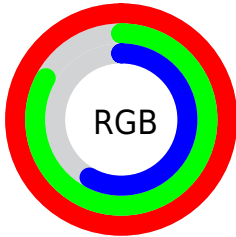
Format	Color
R _Y B	223, 255, 148
Decimal	16765844
CIE Lab	86.99, 7.35, 36.94
CIE LCh	87, 37.662, 78.744
Yxy	69.9866, 0.3932, 0.3938
Android (android.graphics.Color)	4294955924 (0xFFFFD394)
YUV	216.9740, -34.0042, 33.3488
Hunter-Lab	83.6580, 2.7005, 31.7323

Details

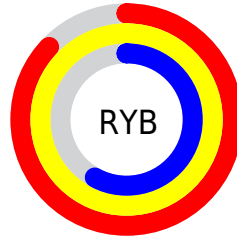
The Yxy color **69.9866, 0.3932, 0.3938** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2261, 0.2429, 0.2533**, and the grayscale version is **69.5861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **36.6942, 0.4111, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **64.2272, 0.4167, 0.4083**, and if you desaturate by 10%, it is **76.2704, 0.3710, 0.3782**.

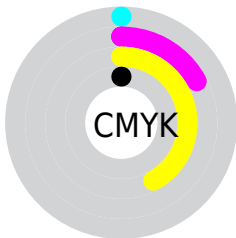
Distribution



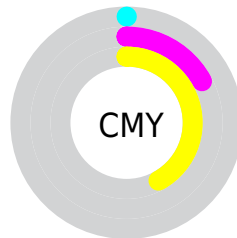
- Red (100%)
- Green (83%)
- Blue (58%)



- Red (87%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9866, 0.3932, 0.3938 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 69.9866, 0.3932, 0.3938 by changing the saturation by 10% instead.


 69.9866, 0.3932,
0.3938


 69.9866, 0.3932,
0.3938


460.5030, 0.3561,
0.3648

 51.5156, 0.4015,
0.4000


 119.1896, 0.3804,
0.3841

 36.6191, 0.4116,
0.4074


 150.6905, 0.3754,
0.3802

 24.9127, 0.4240,
0.4162


187.3034, 0.3711,
0.3768

 16.0120, 0.4396,
0.4269

229.4128, 0.3673,
0.3738

 9.5327, 0.4594,
0.4395

277.4031, 0.3640,
0.3712

 5.0902, 0.4855,
0.4546

331.6586, 0.3610,

 2.3003, 0.5251,

0.3688

0.4749

392.5637, 0.3584,
0.3667

0.7739, 0.5424,
0.4576

0.0000, 0.0000,
0.0000

69.9866, 0.3932,
0.3938

69.9866, 0.3932,
0.3938

64.2272, 0.4167,
0.4083

76.2704, 0.3710,
0.3782

58.9641, 0.4409,
0.4205

83.0856, 0.3506,
0.3623

54.1808, 0.4644,
0.4292

90.4516, 0.3321,
0.3467

49.8550, 0.4861,
0.4333

98.3835, 0.3157,
0.3318

■ 45.9615, 0.5047, 99.9990, 0.3127,
0.4320 0.3290

■ 43.1132, 0.5173,
0.4275

Harmonies

Analogous

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



69.9866, 0.4046, 0.3616



69.9866, 0.3932, 0.3938



69.9866, 0.3599, 0.4114

Triad

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



69.9866, 0.3932, 0.3938



69.9866, 0.2411, 0.3261



69.9866, 0.3046, 0.2662

Complementary

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



69.9866, 0.3932, 0.3938



51.2261, 0.2429, 0.2533

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.



69.9866, 0.2631, 0.2554



69.9866, 0.3932, 0.3938



69.9866, 0.2287, 0.2860

Square

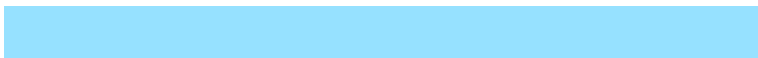
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9866, 0.3932, 0.3938



69.9866, 0.2721, 0.3715



69.9866, 0.2364, 0.2615



69.9866, 0.3514, 0.2909

Rectangle

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



69.9866, 0.3932, 0.3938



69.9866, 0.3307, 0.4099



69.9866, 0.2364, 0.2615



69.9866, 0.2896, 0.2609

Sweetspot

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



69.9899, 0.3932, 0.3938



89.6541, 0.3340, 0.3483



46.2809, 0.3754, 0.2829



18.8342, 0.3379, 0.3517



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.



69.9899, 0.3932, 0.3938



65.3128, 0.4121, 0.4056



93.2632, 0.3694, 0.4353



19.7648, 0.3279, 0.3430



22.8299, 0.5152, 0.4291



2.4382, 0.5013, 0.4402

Inverse Universe

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



51.2261, 0.2429, 0.2533



44.3862, 0.2291, 0.2355



35.5717, 0.2399, 0.2006



18.6046, 0.2979, 0.3146



9.3142, 0.1692, 0.1292



1.1158, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 69.9866, 0.3932, 0.3938 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 69.9866, 0.3932, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

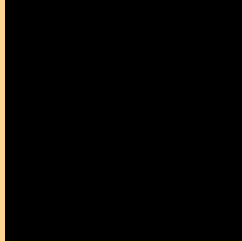
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9866, 0.3932, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 69.9866, 0.3932, 0.3938.



This preview shows how white text looks on a background with the Yxy color 69.9866, 0.3932, 0.3938.

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

69.9866, 0.3932, 0.3938

Protanopia

70.2100, 0.3732, 0.4015

Deuteranopia

69.9264, 0.3841, 0.3798



Tritanopia

69.9846, 0.3418, 0.3159

Trichromacy



Original Color

69.9866, 0.3932, 0.3938

Protanomaly

69.8576, 0.3806, 0.3982

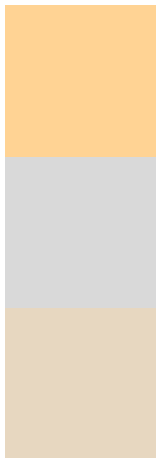
Deuteranomaly

69.7535, 0.3878, 0.3848

Tritanomaly

69.7359, 0.3605, 0.3436

Monochromacy



Original Color

69.9866, 0.3932, 0.3938

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3956, 0.3408, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9866, 0.3932, 0.3938 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 148) }
```

Border

The CSS property to change the border of an element to Yxy 69.9866, 0.3932, 0.3938 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, 148) }
```

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

```
.border{ border-color:rgb(255, 211, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9866, 0.3932, 0.3938 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
211, 148) }
```

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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