

Converting Colors

$Yxy(87.6339, 0.4553, 0.3816)$

Have a look what the booklet for
Yxy(87.6339, 0.4553, 0.3816)
contains.

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Color

Yxy(69.3364, 0.3973, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	FFD28F
RGB	255, 210, 143
RGB Percent	100%, 82%, 56%
CMY	0.0000, 0.1765, 0.4393
CMYK	0.00, 0.18, 0.44, 0.00
HSL	36°, 100%, 78%
HSV	36°, 44%, 100%
XYZ	69.2493, 69.3364, 35.7140
YIQ	215.8170, 48.3270, -11.2970

Conversions

Conversions Part 2

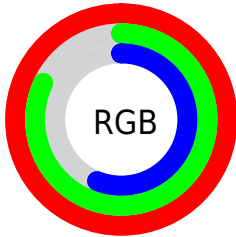
Format	Color
RYB	218, 255, 143
Decimal	16765583
CIELab	86.67, 7.37, 39.09
CIELCh	87, 39.777, 79.324
Yxy	69.3364, 0.3973, 0.3978
Android (android.graphics.Color)	4294955663 (0xFFFFD28F)
YUV	215.8170, -35.8988, 34.3635
Hunter-Lab	83.2685, 2.7276, 32.8584

Details

The Yxy color **69.3364, 0.3973, 0.3978** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0195, 0.2392, 0.2476**, and the grayscale version is **68.7605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **36.2854, 0.4154, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **63.7511, 0.4207, 0.4121**, and if you desaturate by 10%, it is **75.4200, 0.3750, 0.3821**.

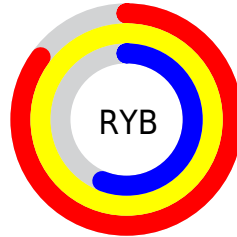
Distribution



Red (100%)

Green (82%)

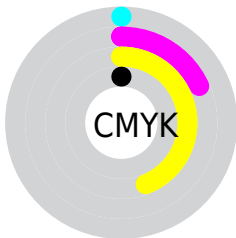
Blue (56%)



Red (85%)

Yellow (100%)

Blue (56%)

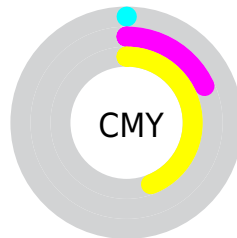


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3364, 0.3973, 0.3978 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 69.3364, 0.3973, 0.3978 by changing the saturation by 10% instead.


 69.3364, 0.3973,
0.3978


 69.3364, 0.3973,
0.3978

458.2165, 0.3583,
0.3671

 50.9857, 0.4060,
0.4043

 118.2619, 0.3839,
0.3875

 36.1972, 0.4164,
0.4120


 149.6056, 0.3787,
0.3834

 24.5866, 0.4293,
0.4213

186.0490, 0.3741,
0.3798

 15.7693, 0.4454,
0.4322

227.9766, 0.3702,
0.3767

 9.3611, 0.4655,
0.4450

275.7727, 0.3667,
0.3739

 4.9774, 0.4937,
0.4616

329.8218, 0.3636,

 2.2340, 0.5255,

0.3714

0.4745

390.5083, 0.3608,
0.3691

0.7385, 0.5444,
0.4556

0.0000, 0.0000,
0.0000

69.3364, 0.3973,
0.3978

69.3364, 0.3973,
0.3978

63.7511, 0.4207,
0.4121

75.4200, 0.3750,
0.3821

58.6478, 0.4444,
0.4240

82.0204, 0.3543,
0.3660

54.0062, 0.4673,
0.4321

89.1528, 0.3356,
0.3501

49.8041, 0.4880,
0.4353

96.8320, 0.3188,
0.3348

■ 46.0158, 0.5054,
0.4332

100.0000, 0.3127,
0.3290

■ 43.8973, 0.5145,
0.4297

Harmonies

Analogous

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



69.3364, 0.4101, 0.3638



69.3364, 0.3973, 0.3978



69.3364, 0.3616, 0.4165

Triad

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



69.3364, 0.3973, 0.3978



69.3364, 0.2366, 0.3248



69.3364, 0.3049, 0.2632

Complementary

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



69.3364, 0.3973, 0.3978



49.0195, 0.2392, 0.2476

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.



69.3364, 0.2610, 0.2515



69.3364, 0.3973, 0.3978



69.3364, 0.2241, 0.2826

Square

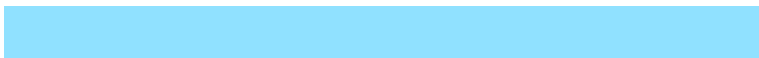
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3364, 0.3973, 0.3978



69.3364, 0.2689, 0.3733



69.3364, 0.2326, 0.2574



69.3364, 0.3545, 0.2894

Rectangle

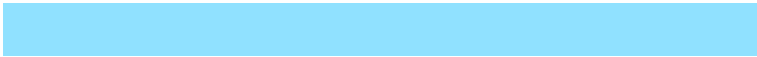
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3364, 0.3973, 0.3978



69.3364, 0.3306, 0.4147



69.3364, 0.2326, 0.2574



69.3364, 0.2890, 0.2575

Sweetspot

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



69.3358, 0.3973, 0.3978



89.8412, 0.3339, 0.3486



44.6038, 0.3797, 0.2808



18.8804, 0.3379, 0.3521



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.



69.3358, 0.3973, 0.3978



64.2481, 0.4185, 0.4109



93.0352, 0.3718, 0.4400



19.7946, 0.3279, 0.3432



23.2377, 0.5125, 0.4313



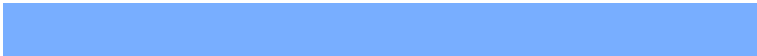
2.4768, 0.4989, 0.4420

Inverse Universe

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



49.0195, 0.2392, 0.2476



41.5307, 0.2238, 0.2270



33.5675, 0.2358, 0.1936



18.5755, 0.2979, 0.3144



9.0570, 0.1684, 0.1264



1.0890, 0.1746, 0.1487

Previews

White Background



This preview shows how the Yxy color 69.3364, 0.3973, 0.3978 looks on a white background.

Color Contrast Check

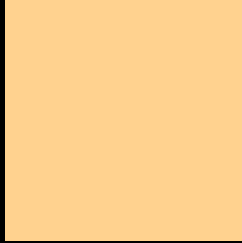
Large Text (above 18pt) WCAG AA × Fail

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 69.3364, 0.3973, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

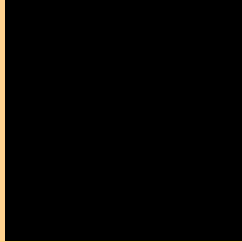
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3364, 0.3973, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 69.3364, 0.3973, 0.3978.



This preview shows how white text looks on a background with the Yxy color 69.3364, 0.3973, 0.3978.

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

69.3364, 0.3973, 0.3978

Protanopia

69.3632, 0.3762, 0.4061

Deuteranopia

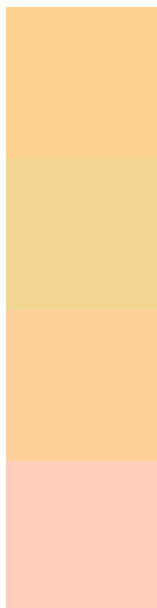
69.2952, 0.3874, 0.3828



Tritanopia

69.4036, 0.3435, 0.3169

Trichromacy



Original Color

69.3364, 0.3973, 0.3978

Protanomaly

69.0147, 0.3837, 0.4026

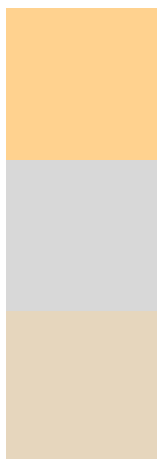
Deuteranomaly

69.1279, 0.3912, 0.3879

Tritanomaly

69.0767, 0.3639, 0.3467

Monochromacy



Original Color

69.3364, 0.3973, 0.3978

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5903, 0.3424, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3364, 0.3973, 0.3978 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, 210, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 143)  
}
```

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, 210, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 143) }
```

Border

The CSS property to change the border of an element to Yxy 69.3364, 0.3973, 0.3978 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, 210, 143) }
```

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

```
.border{ border-color:rgb(255, 210, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3364, 0.3973, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 143) }
```

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

```
.background{ background-color: rgb(255,  
210, 143) }
```

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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