

Converting Colors

Yxy(63.4492, 0.3978, 0.3813)

Have a look what the booklet for
Yxy(63.4492, 0.3978, 0.3813)
contains.

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Color

Yxy(63.4089, 0.3973, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	FDC694
RGB	253, 198, 148
RGB Percent	99%, 78%, 58%
CMY	0.0078, 0.2235, 0.4194
CMYK	0.00, 0.22, 0.41, 0.01
HSL	29°, 96%, 79%
HSV	29°, 41%, 99%
XYZ	66.0523, 63.4089, 36.7918
YIQ	208.7450, 48.8300, -3.8900

Conversions

Conversions Part 2

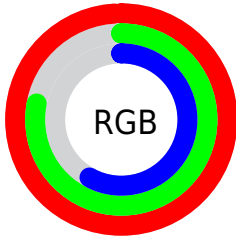
Format	Color
R _Y B	253, 243, 148
Decimal	16631444
CIE Lab	83.66, 13.32, 32.52
CIE LCh	84, 35.143, 67.720
Yxy	63.4089, 0.3973, 0.3814
Android (android.graphics.Color)	4294821524 (0xFFFDC694)
YUV	208.7450, -29.9473, 38.8116
Hunter-Lab	79.6297, 8.7126, 28.3467

Details

The Yxy color **63.4089, 0.3973, 0.3814** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1284, 0.2461, 0.2692**, and the grayscale version is **63.7647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **32.2789, 0.4173, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **56.8974, 0.4242, 0.3933**, and if you desaturate by 10%, it is **70.6322, 0.3728, 0.3685**.

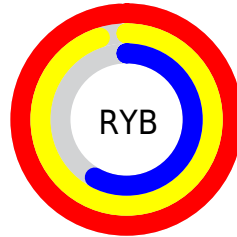
Distribution



Red (99%)

Green (78%)

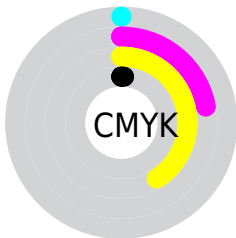
Blue (58%)



Red (99%)

Yellow (95%)

Blue (58%)

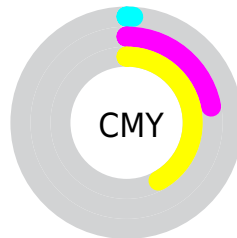


Cyan (0%)

Magenta (22%)

Yellow (41%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4089, 0.3973, 0.3814 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 63.4089, 0.3973, 0.3814 by changing the saturation by 10% instead.


 63.4089, 0.3973,
0.3814


 63.4089, 0.3973,
0.3814


437.0519, 0.3572,
0.3580

 46.1721, 0.4065,
0.3864

 109.7592, 0.3833,
0.3736

 32.3816, 0.4179,
0.3922


 139.6415, 0.3779,
0.3704

 21.6532, 0.4322,
0.3992


174.5077, 0.3732,
0.3677

 13.6023, 0.4507,
0.4075


214.7423, 0.3692,
0.3653

 7.8446, 0.4749,
0.4168

260.7296, 0.3656,
0.3632

 3.9957, 0.5098,
0.4282

312.8541, 0.3625,

 1.6711, 0.5614,

0.3613

0.4386

371.5001, 0.3597,
0.3596

0.4049, 0.6369,
0.3631

0.0000, 0.0000,
0.0000

63.4089, 0.3973,
0.3814

63.4089, 0.3973,
0.3814

56.8974, 0.4242,
0.3933

70.6322, 0.3728,
0.3685

51.0637, 0.4527,
0.4032

78.5817, 0.3509,
0.3555

45.8836, 0.4817,
0.4097

87.2828, 0.3317,
0.3428

41.3277, 0.5093,
0.4115

96.7566, 0.3150,
0.3307

■ 37.3628, 0.5334,
0.4079

99.6243, 0.3115,
0.3290

■ 34.4176, 0.5507,
0.4009

Harmonies

Analogous

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



63.4089, 0.3988, 0.3477



63.4089, 0.3973, 0.3814



63.4089, 0.3721, 0.4046

Triad

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



63.4089, 0.3973, 0.3814



63.4089, 0.2527, 0.3426



63.4089, 0.2890, 0.2626

Complementary

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



63.4089, 0.3973, 0.3814



56.1284, 0.2461, 0.2692

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.



63.4089, 0.2534, 0.2580



63.4089, 0.3973, 0.3814



63.4089, 0.2336, 0.3004

Square

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



63.4089, 0.3973, 0.3814



63.4089, 0.2881, 0.3838



63.4089, 0.2340, 0.2705



63.4089, 0.3337, 0.2821

Rectangle

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



63.4089, 0.3973, 0.3814



63.4089, 0.3462, 0.4092



63.4089, 0.2340, 0.2705



63.4089, 0.2756, 0.2593

Sweetspot

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



63.4119, 0.3973, 0.3814



88.3753, 0.3327, 0.3434



46.4383, 0.3620, 0.2711



18.6599, 0.3350, 0.3451



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.



63.4119, 0.3973, 0.3814



58.8497, 0.4201, 0.3917



91.0906, 0.3762, 0.4289



19.4132, 0.3282, 0.3403



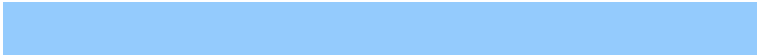
18.5949, 0.5481, 0.4030



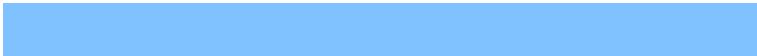
2.0275, 0.5296, 0.4177

Inverse Universe

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



56.1284, 0.2461, 0.2692



50.4957, 0.2328, 0.2542



35.7003, 0.2356, 0.2046



18.9532, 0.2979, 0.3174



12.9305, 0.1793, 0.1655



1.4779, 0.1848, 0.1854

Previews

White Background



This preview shows how the Yxy color 63.4089, 0.3973, 0.3814 looks on a white background.

Color Contrast Check

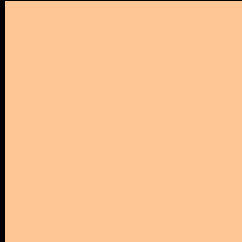
Large Text (above 18pt) WCAG AA × Fail

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 63.4089, 0.3973, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

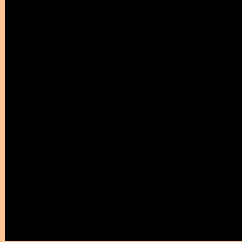
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4089, 0.3973, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 63.4089, 0.3973, 0.3814.



This preview shows how white text looks on a background with the Yxy color 63.4089, 0.3973, 0.3814.

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

63.4089, 0.3973, 0.3814

Protanopia

63.7481, 0.3652, 0.3926

Deuteranopia

63.4031, 0.3923, 0.3844



Tritanopia

63.3671, 0.3543, 0.3157

Trichromacy



Original Color

63.4089, 0.3973, 0.3814

Protanomaly

63.5592, 0.3772, 0.3887

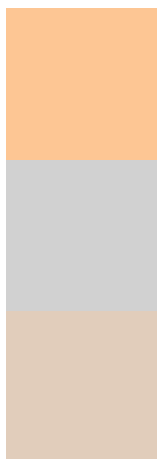
Deuteranomaly

63.3090, 0.3944, 0.3830

Tritanomaly

63.1151, 0.3703, 0.3396

Monochromacy



Original Color

63.4089, 0.3973, 0.3814

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2581, 0.3416, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4089, 0.3973, 0.3814 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(253, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 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(253, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 148) }
```

Border

The CSS property to change the border of an element to Yxy 63.4089, 0.3973, 0.3814 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(253, 198, 148) }
```

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

```
.border{ border-color:rgb(253, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4089, 0.3973, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 148) }
```

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

```
.background{ background-color: rgb(253,  
198, 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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