

Converting Colors

$Y_{xy}(70.9449, 0.3913, 0.3940)$

Have a look what the booklet for
Yxy(70.9449, 0.3913, 0.3940)
contains.

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Color

Yxy(71.0505, 0.3909, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	FFD596
RGB	255, 213, 150
RGB Percent	100%, 84%, 59%
CMY	0.0002, 0.1646, 0.4118
CMYK	0.00, 0.16, 0.41, 0.00
HSL	36°, 100%, 79%
HSV	36°, 41%, 100%
XYZ	70.5273, 71.0505, 38.8450
YIQ	218.3760, 45.2550, -10.6890

Conversions

Conversions Part 2

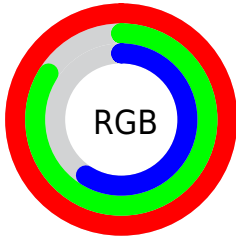
Format	Color
R _Y B	220, 255, 150
Decimal	16766358
CIE Lab	87.51, 6.50, 36.62
CIE LCh	88, 37.190, 79.930
Yxy	71.0505, 0.3909, 0.3938
Android (android.graphics.Color)	4294956438 (0xFFFFD596)
YUV	218.3760, -33.7094, 32.1192
Hunter-Lab	84.2915, 1.8422, 31.6807

Details

The Yxy color **71.0505, 0.3909, 0.3938** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.3663, 0.2440, 0.2534**, and the grayscale version is **70.5970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **37.2059, 0.4097, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **65.3549, 0.4140, 0.4087**, and if you desaturate by 10%, it is **77.2533, 0.3691, 0.3779**.

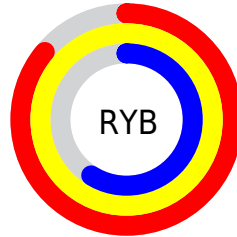
Distribution



Red (100%)

Green (84%)

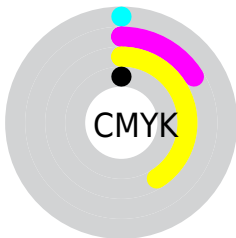
Blue (59%)



Red (86%)

Yellow (100%)

Blue (59%)

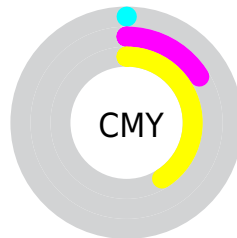


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0505, 0.3909, 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 71.0505, 0.3909, 0.3938 by changing the saturation by 10% instead.


 71.0505, 0.3909,
0.3938

 71.0505, 0.3909,
0.3938


464.2300, 0.3549,
0.3648

 52.3834, 0.3989,
0.4000


 120.7056, 0.3786,
0.3840

 37.3108, 0.4086,
0.4074


 152.4625, 0.3737,
0.3801

 25.4482, 0.4206,
0.4164


189.3513, 0.3695,
0.3768

 16.4113, 0.4357,
0.4272

231.7566, 0.3659,
0.3738

 9.8157, 0.4547,
0.4401

280.0627, 0.3626,
0.3712

 5.2769, 0.4794,
0.4554

334.6541, 0.3598,

 2.4106, 0.5203,

0.3688

0.4797

395.9150, 0.3572,
0.3667

0.8314, 0.5342,
0.4658

0.0000, 0.0000,
0.0000

71.0505, 0.3909,
0.3938

71.0505, 0.3909,
0.3938

65.3549, 0.4140,
0.4087

77.2533, 0.3691,
0.3779

60.1390, 0.4377,
0.4214

83.9696, 0.3490,
0.3617

55.3869, 0.4608,
0.4307

91.2183, 0.3308,
0.3458

51.0774, 0.4822,
0.4354

99.0137, 0.3145,
0.3307

■ 47.1860, 0.5004,
0.4348

99.9923, 0.3127,
0.3290

■ 44.0682, 0.5138,
0.4302

Harmonies

Analogous

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



71.0505, 0.4031, 0.3625



71.0505, 0.3909, 0.3938



71.0505, 0.3576, 0.4102

Triad

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



71.0505, 0.3909, 0.3938



71.0505, 0.2414, 0.3245



71.0505, 0.3065, 0.2679

Complementary

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



71.0505, 0.3909, 0.3938



51.3663, 0.2440, 0.2534

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.



71.0505, 0.2653, 0.2567



71.0505, 0.3909, 0.3938



71.0505, 0.2300, 0.2855

Square

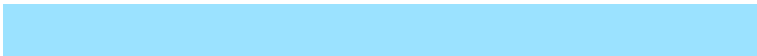
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0505, 0.3909, 0.3938



71.0505, 0.2713, 0.3691



71.0505, 0.2384, 0.2621



71.0505, 0.3525, 0.2927

Rectangle

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



71.0505, 0.3909, 0.3938



71.0505, 0.3287, 0.4079



71.0505, 0.2384, 0.2621



71.0505, 0.2917, 0.2625

Sweetspot

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



71.0538, 0.3909, 0.3938



90.6302, 0.3322, 0.3471



46.8658, 0.3755, 0.2855



19.1905, 0.3345, 0.3492



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.



71.0538, 0.3909, 0.3938



66.5749, 0.4089, 0.4056



93.0115, 0.3672, 0.4339



19.8016, 0.3279, 0.3433



23.3349, 0.5118, 0.4318



2.4859, 0.4984, 0.4425

Inverse Universe

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



51.3663, 0.2440, 0.2534



44.5994, 0.2305, 0.2359



36.5498, 0.2427, 0.2037



18.5687, 0.2979, 0.3143



8.9975, 0.1683, 0.1257



1.0828, 0.1745, 0.1480

Previews

White Background



This preview shows how the Yxy color 71.0505, 0.3909, 0.3938 looks on a white background.

Color Contrast Check

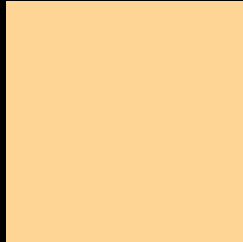
Large Text (above 18pt) WCAG AA × Fail

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 71.0505, 0.3909, 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 71.0505, 0.3909, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 71.0505, 0.3909, 0.3938.



This preview shows how white text looks on a background with the Yxy color 71.0505, 0.3909, 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

71.0505, 0.3909, 0.3938

Protanopia

70.9675, 0.3722, 0.4002

Deuteranopia

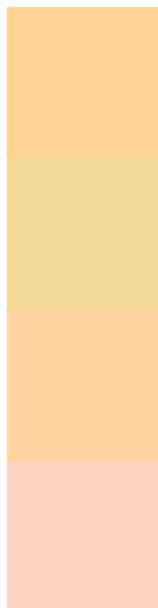
71.1001, 0.3796, 0.3766



Tritanopia

71.0530, 0.3400, 0.3159

Trichromacy



Original Color

71.0505, 0.3909, 0.3938

Protanomaly

71.1258, 0.3792, 0.3978

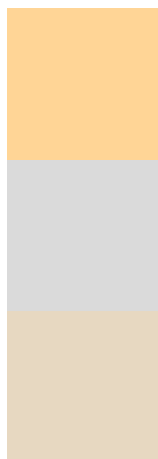
Deuteranomaly

70.8850, 0.3841, 0.3827

Tritanomaly

70.8011, 0.3585, 0.3435

Monochromacy



Original Color

71.0505, 0.3909, 0.3938

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9509, 0.3399, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0505, 0.3909, 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, 213, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 150)  
}
```

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, 213, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 150) }
```

Border

The CSS property to change the border of an element to Yxy 71.0505, 0.3909, 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, 213, 150) }
```

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

```
.border{ border-color:rgb(255, 213, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0505, 0.3909, 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, 213, 150) }
```

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

```
.background{ background-color: rgb(255,  
213, 150) }
```

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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