

Converting Colors

$Yxy(71.5181, 0.3902, 0.3942)$

Have a look what the booklet for
Yxy(71.5181, 0.3902, 0.3942)
contains.

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Color

Yxy(71.5551, 0.3905, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	FFD696
RGB	255, 214, 150
RGB Percent	100%, 84%, 59%
CMY	0.0000, 0.1608, 0.4117
CMYK	0.00, 0.16, 0.41, 0.00
HSL	37°, 100%, 79%
HSV	37°, 41%, 100%
XYZ	70.7937, 71.5551, 38.9411
YIQ	218.9630, 44.9800, -11.2120

Conversions

Conversions Part 2

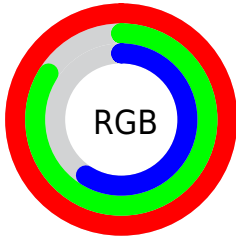
Format	Color
R_{YB}	217, 255, 150
Decimal	16766614
CIE _{Lab}	87.75, 6.02, 36.92
CIE _{LCh}	88, 37.409, 80.743
Yxy	71.5551, 0.3905, 0.3947
Android (android.graphics.Color)	4294956694 (0xFFFFD696)
YUV	218.9630, -33.9988, 31.6044
Hunter-Lab	84.5902, 1.3539, 31.9191

Details

The Yxy color **71.5551, 0.3905, 0.3947** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9734, 0.2438, 0.2522**, and the grayscale version is **71.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **37.5484, 0.4090, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **65.9360, 0.4134, 0.4098**, and if you desaturate by 10%, it is **77.6663, 0.3688, 0.3786**.

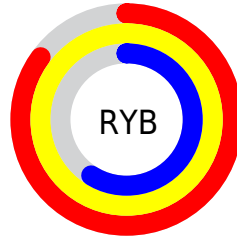
Distribution



Red (100%)

Green (84%)

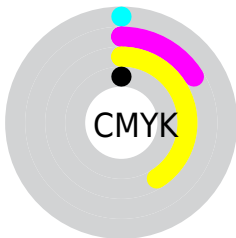
Blue (59%)



Red (85%)

Yellow (100%)

Blue (59%)

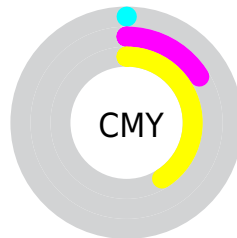


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5551, 0.3905, 0.3947 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 71.5551, 0.3905, 0.3947 by changing the saturation by 10% instead.


 71.5551, 0.3905,
0.3947


 71.5551, 0.3905,
0.3947


465.9916, 0.3548,
0.3653

 52.7953, 0.3984,
0.4010


 121.4238, 0.3783,
0.3848

 37.6394, 0.4080,
0.4085


 153.3015, 0.3734,
0.3809

 25.7029, 0.4199,
0.4176


190.3206, 0.3693,
0.3774

 16.6015, 0.4347,
0.4286

232.8656, 0.3656,
0.3744

 9.9508, 0.4535,
0.4418

281.3208, 0.3624,
0.3717

 5.3664, 0.4776,
0.4573

336.0706, 0.3596,

 2.4638, 0.5177,

0.3694

0.4823

397.4994, 0.3571,
0.3672

0.8584, 0.5302,
0.4698

0.0000, 0.0000,
0.0000

71.5551, 0.3905,
0.3947

71.5551, 0.3905,
0.3947

65.9360, 0.4134,
0.4098

77.6663, 0.3688,
0.3786

60.7840, 0.4367,
0.4226

84.2778, 0.3489,
0.3621

56.0831, 0.4594,
0.4321

91.4072, 0.3307,
0.3461

51.8123, 0.4803,
0.4370

99.0686, 0.3145,
0.3307

■ 47.9477, 0.4982,
0.4366

100.0000, 0.3127,
0.3290

■ 44.8432, 0.5112,
0.4323

Harmonies

Analogous

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



71.5551, 0.4034, 0.3636



71.5551, 0.3905, 0.3947



71.5551, 0.3566, 0.4106

Triad

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



71.5551, 0.3905, 0.3947



71.5551, 0.2406, 0.3233



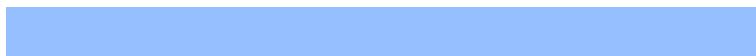
71.5551, 0.3078, 0.2682

Complementary

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



71.5551, 0.3905, 0.3947



50.9734, 0.2438, 0.2522

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.



71.5551, 0.2661, 0.2565



71.5551, 0.3905, 0.3947



71.5551, 0.2297, 0.2845

Square

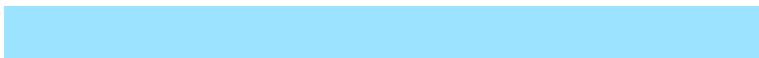
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5551, 0.3905, 0.3947



71.5551, 0.2702, 0.3681



71.5551, 0.2386, 0.2615



71.5551, 0.3538, 0.2934

Rectangle

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



71.5551, 0.3905, 0.3947



71.5551, 0.3275, 0.4078



71.5551, 0.2386, 0.2615



71.5551, 0.2928, 0.2626

Sweetspot

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



71.5577, 0.3905, 0.3947



90.7950, 0.3322, 0.3474



46.8846, 0.3755, 0.2855



19.2294, 0.3344, 0.3495



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.



71.5577, 0.3905, 0.3947



67.1151, 0.4083, 0.4066



93.0456, 0.3672, 0.4338



19.8299, 0.3279, 0.3435



23.7305, 0.5093, 0.4338



2.5232, 0.4962, 0.4442

Inverse Universe

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



50.9734, 0.2438, 0.2522



44.1473, 0.2302, 0.2344



36.5652, 0.2427, 0.2037



18.5411, 0.2979, 0.3141



8.7620, 0.1675, 0.1231



1.0581, 0.1738, 0.1455

Previews

White Background



This preview shows how the Yxy color 71.5551, 0.3905, 0.3947 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 71.5551, 0.3905, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

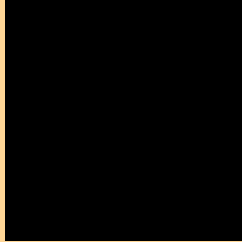
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5551, 0.3905, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 71.5551, 0.3905, 0.3947.



This preview shows how white text looks on a background with the Yxy color 71.5551, 0.3905, 0.3947.

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

71.5551, 0.3905, 0.3947

Protanopia

71.6634, 0.3727, 0.4010

Deuteranopia

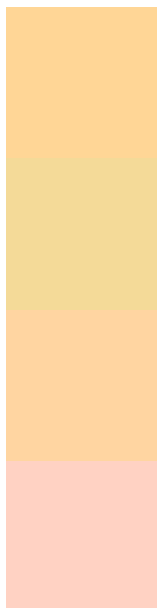
71.6757, 0.3778, 0.3755



Tritanopia

71.5922, 0.3391, 0.3159

Trichromacy



Original Color

71.5551, 0.3905, 0.3947

Protanomaly

71.6429, 0.3788, 0.3988

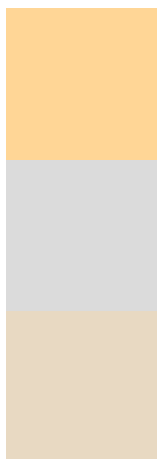
Deuteranomaly

71.4217, 0.3829, 0.3827

Tritanomaly

71.2933, 0.3583, 0.3446

Monochromacy



Original Color

71.5551, 0.3905, 0.3947

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6766, 0.3398, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5551, 0.3905, 0.3947 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, 214, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 150) }
```

Border

The CSS property to change the border of an element to Yxy 71.5551, 0.3905, 0.3947 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, 214, 150) }
```

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

```
.border{ border-color:rgb(255, 214, 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, 214, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5551, 0.3905, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 150) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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