

Converting Colors

$Y_{xy}(97.4360, 0.4678, 0.3772)$

Have a look what the booklet for
Yxy(97.4360, 0.4678, 0.3772)
contains.

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Color

Yxy(71.4597, 0.3926, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	FFD693
RGB	255, 214, 147
RGB Percent	100%, 84%, 58%
CMY	0.0001, 0.1607, 0.4235
CMYK	0.00, 0.16, 0.42, 0.00
HSL	37°, 100%, 79%
HSV	37°, 42%, 100%
XYZ	70.5433, 71.4597, 37.6794
YIQ	218.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

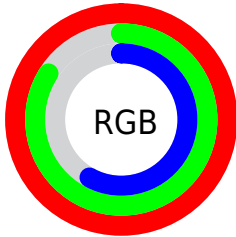
Format	Color
R _Y B	213, 255, 147
Decimal	16766611
CIE _{Lab}	87.71, 5.68, 38.39
CIE _{LCh}	88, 38.811, 81.582
Y _{xy}	71.4597, 0.3926, 0.3977
Android (android.graphics.Color)	4294956691 (0xFFFFD693)
YUV	218.6210, -35.3092, 31.9044
Hunter-Lab	84.5338, 1.0237, 32.7463

Details

The Yxy color **71.4597, 0.3926, 0.3977** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3651, 0.2415, 0.2481**, and the grayscale version is **70.7875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **37.3583, 0.4106, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **65.9986, 0.4152, 0.4128**, and if you desaturate by 10%, it is **77.3955, 0.3710, 0.3814**.

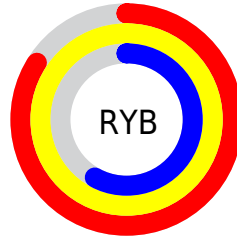
Distribution



Red (100%)

Green (84%)

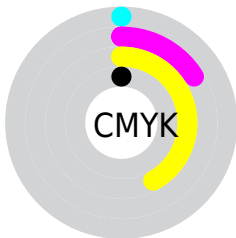
Blue (58%)



Red (84%)

Yellow (100%)

Blue (58%)

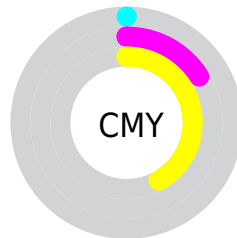


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4597, 0.3926, 0.3977 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 71.4597, 0.3926, 0.3977 by changing the saturation by 10% instead.

 71.4597, 0.3926,
0.3977

 71.4597, 0.3926,
0.3977

465.6588, 0.3560,
0.3670

 52.7174, 0.4007,
0.4043


 121.2881, 0.3801,
0.3874

 37.5772, 0.4105,
0.4121


 153.1429, 0.3751,
0.3833

 25.6547, 0.4225,
0.4215

190.1375, 0.3709,
0.3797

 16.5655, 0.4375,
0.4328

232.6561, 0.3671,
0.3765

 9.9252, 0.4562,
0.4463

281.0831, 0.3639,
0.3737

 5.3494, 0.4807,
0.4626

335.8030, 0.3609,

 2.4537, 0.5161,

0.3712

0.4839

397.2001, 0.3583,
0.3690

0.8533, 0.5280,
0.4720

0.0000, 0.0000,
0.0000

71.4597, 0.3926,
0.3977

71.4597, 0.3926,
0.3977

65.9986, 0.4152,
0.4128

77.3955, 0.3710,
0.3814

60.9852, 0.4381,
0.4256

83.8115, 0.3510,
0.3647

56.4045, 0.4602,
0.4348

90.7257, 0.3327,
0.3483

52.2359, 0.4802,
0.4394

98.1521, 0.3163,
0.3326

■ 48.4554, 0.4972,
0.4386

99.9932, 0.3127,
0.3290

■ 45.7986, 0.5080,
0.4349

Harmonies

Analogous

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



71.4597, 0.4068, 0.3656



71.4597, 0.3926, 0.3977



71.4597, 0.3569, 0.4139

Triad

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



71.4597, 0.3926, 0.3977



71.4597, 0.2375, 0.3216



71.4597, 0.3088, 0.2667

Complementary

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



71.4597, 0.3926, 0.3977



49.3651, 0.2415, 0.2481

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.



71.4597, 0.2655, 0.2542



71.4597, 0.3926, 0.3977



71.4597, 0.2268, 0.2818

Square

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



71.4597, 0.3926, 0.3977



71.4597, 0.2675, 0.3684



71.4597, 0.2366, 0.2586



71.4597, 0.3566, 0.2930

Rectangle

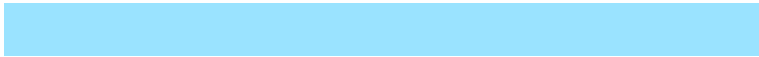
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4597, 0.3926, 0.3977



71.4597, 0.3266, 0.4106



71.4597, 0.2366, 0.2586



71.4597, 0.2932, 0.2608

Sweetspot

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



71.4631, 0.3926, 0.3977



90.2851, 0.3339, 0.3493



45.7693, 0.3799, 0.2861



18.9902, 0.3378, 0.3529



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.



71.4631, 0.3926, 0.3977



66.7273, 0.4122, 0.4109



92.5463, 0.3674, 0.4372



19.8654, 0.3279, 0.3437



24.2355, 0.5061, 0.4363



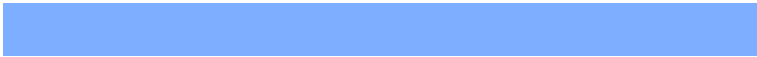
2.5706, 0.4935, 0.4463

Inverse Universe

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



49.3651, 0.2415, 0.2481



41.9534, 0.2264, 0.2278



35.5185, 0.2415, 0.2000



18.5067, 0.2979, 0.3138



8.4764, 0.1666, 0.1199



1.0279, 0.1729, 0.1423

Previews

White Background



This preview shows how the Yxy color 71.4597, 0.3926, 0.3977 looks on a white background.

Color Contrast Check

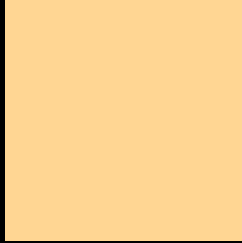
Large Text (above 18pt) WCAG AA × Fail

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 71.4597, 0.3926, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

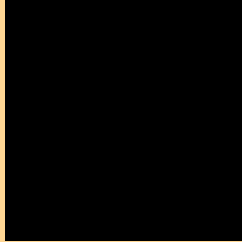
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4597, 0.3926, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 71.4597, 0.3926, 0.3977.



This preview shows how white text looks on a background with the Yxy color 71.4597, 0.3926, 0.3977.

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

71.4597, 0.3926, 0.3977

Protanopia

71.5335, 0.3754, 0.4052

Deuteranopia

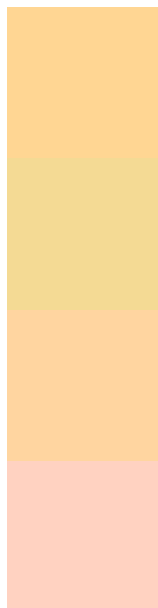
71.6385, 0.3785, 0.3766



Tritanopia

71.5391, 0.3399, 0.3169

Trichromacy



Original Color

71.4597, 0.3926, 0.3977

Protanomaly

71.5140, 0.3816, 0.4029

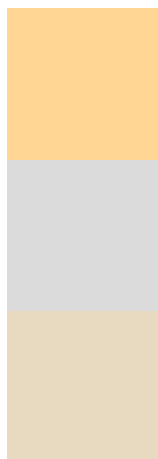
Deuteranomaly

71.3866, 0.3837, 0.3837

Tritanomaly

71.2034, 0.3598, 0.3466

Monochromacy



Original Color

71.4597, 0.3926, 0.3977

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6318, 0.3405, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4597, 0.3926, 0.3977 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 147) }
```

Border

The CSS property to change the border of an element to Yxy 71.4597, 0.3926, 0.3977 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, 147) }
```

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

```
.border{ border-color:rgb(255, 214, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4597, 0.3926, 0.3977 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
214, 147) }
```

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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