

Converting Colors

$Yxy(71.1484, 0.3888, 0.3908)$

Have a look what the booklet for
Yxy(71.1484, 0.3888, 0.3908)
contains.

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Color

Yxy(71.1484, 0.3888, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	FFD599
RGB	255, 213, 153
RGB Percent	100%, 84%, 60%
CMY	0.0000, 0.1647, 0.4001
CMYK	0.00, 0.16, 0.40, 0.00
HSL	35°, 100%, 80%
HSV	35°, 40%, 100%
XYZ	70.7843, 71.1484, 40.1257
YIQ	218.7180, 44.2920, -9.7560

Conversions

Conversions Part 2

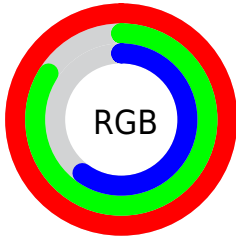
Format	Color
R _Y B	224, 255, 153
Decimal	16766361
CIE Lab	87.56, 6.85, 35.16
CIE LCh	88, 35.818, 78.980
Yxy	71.1484, 0.3888, 0.3908
Android (android.graphics.Color)	4294956441 (0xFFFFD599)
YUV	218.7180, -32.3990, 31.8193
Hunter-Lab	84.3495, 2.1817, 30.8400

Details

The Yxy color **71.1484, 0.3888, 0.3908** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.0041, 0.2462, 0.2575**, and the grayscale version is **70.8375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **37.2636, 0.4070, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **65.2853, 0.4121, 0.4056**, and if you desaturate by 10%, it is **77.5368, 0.3669, 0.3751**.

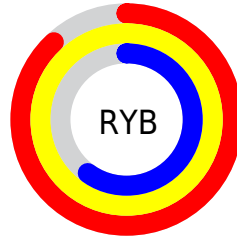
Distribution



Red (100%)

Green (84%)

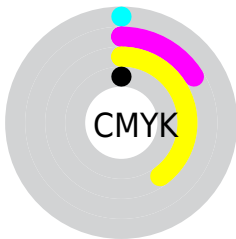
Blue (60%)



Red (88%)

Yellow (100%)

Blue (60%)

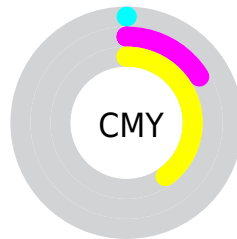


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1484, 0.3888, 0.3908 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 71.1484, 0.3888, 0.3908 by changing the saturation by 10% instead.


 71.1484, 0.3888,
0.3908


 71.1484, 0.3888,
0.3908

464.5720, 0.3537,
0.3631

 52.4633, 0.3966,
0.3967


 120.8450, 0.3767,
0.3815

 37.3745, 0.4062,
0.4039

 152.6253, 0.3720,
0.3778

 25.4976, 0.4180,
0.4125


189.5395, 0.3679,
0.3745

 16.4482, 0.4328,
0.4229

231.9719, 0.3644,
0.3717

 9.8418, 0.4519,
0.4355

280.3070, 0.3612,
0.3692

 5.2942, 0.4764,
0.4502

334.9291, 0.3584,

 2.4209, 0.5220,

0.3669

0.4780

396.2226, 0.3560,
0.3649

0.8366, 0.5364,
0.4636

0.0000, 0.0000,
0.0000

71.1484, 0.3888,
0.3908

71.1484, 0.3888,
0.3908

65.2853, 0.4121,
0.4056

77.5368, 0.3669,
0.3751

59.9242, 0.4362,
0.4183

84.4619, 0.3469,
0.3592

55.0474, 0.4600,
0.4278

91.9415, 0.3288,
0.3437

50.6332, 0.4822,
0.4329

99.9904, 0.3127,
0.3290

■ 46.6570, 0.5015,
0.4326

100.0000, 0.3127,
0.3290

■ 43.0866, 0.5174,
0.4274

Harmonies

Analogous

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



71.1484, 0.3996, 0.3605



71.1484, 0.3888, 0.3908



71.1484, 0.3573, 0.4070

Triad

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



71.1484, 0.3888, 0.3908



71.1484, 0.2446, 0.3261



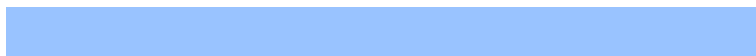
71.1484, 0.3054, 0.2694

Complementary

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



71.1484, 0.3888, 0.3908



53.0041, 0.2462, 0.2575

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.



71.1484, 0.2660, 0.2590



71.1484, 0.3888, 0.3908



71.1484, 0.2329, 0.2882

Square

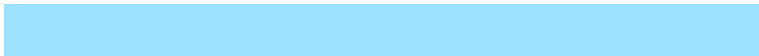
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1484, 0.3888, 0.3908



71.1484, 0.2741, 0.3688



71.1484, 0.2404, 0.2649



71.1484, 0.3497, 0.2931

Rectangle

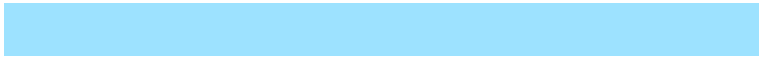
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1484, 0.3888, 0.3908



71.1484, 0.3296, 0.4051



71.1484, 0.2404, 0.2649



71.1484, 0.2912, 0.2643

Sweetspot

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



71.1501, 0.3888, 0.3908



90.4093, 0.3322, 0.3468



47.9949, 0.3713, 0.2850



19.1385, 0.3345, 0.3488



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.



71.1501, 0.3888, 0.3908



66.4239, 0.4073, 0.4027



93.5019, 0.3670, 0.4306



19.7637, 0.3279, 0.3430



22.8151, 0.5153, 0.4290



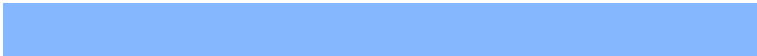
2.4368, 0.5013, 0.4401

Inverse Universe

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



53.0041, 0.2462, 0.2575



46.0324, 0.2325, 0.2400



37.6192, 0.2438, 0.2074



18.6057, 0.2979, 0.3146



9.3239, 0.1693, 0.1293



1.1168, 0.1754, 0.1515

Previews

White Background



This preview shows how the Yxy color 71.1484, 0.3888, 0.3908 looks on a white background.

Color Contrast Check

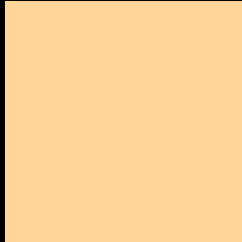
Large Text (above 18pt) WCAG AA × Fail

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 71.1484, 0.3888, 0.3908 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 71.1484, 0.3888, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 71.1484, 0.3888, 0.3908.



This preview shows how white text looks on a background with the Yxy color 71.1484, 0.3888, 0.3908.

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

71.1484, 0.3888, 0.3908

Protanopia

71.0679, 0.3701, 0.3970

Deuteranopia

71.1370, 0.3789, 0.3756



Tritanopia

71.0530, 0.3400, 0.3159

Trichromacy



Original Color

71.1484, 0.3888, 0.3908

Protanomaly

71.2254, 0.3771, 0.3947

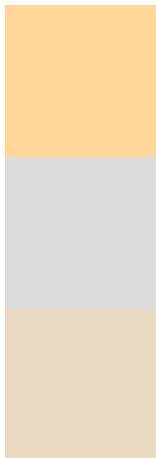
Deuteranomaly

70.9556, 0.3826, 0.3807

Tritanomaly

70.8465, 0.3578, 0.3425

Monochromacy



Original Color

71.1484, 0.3888, 0.3908

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7216, 0.3391, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1484, 0.3888, 0.3908 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 153) }
```

Border

The CSS property to change the border of an element to Yxy 71.1484, 0.3888, 0.3908 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, 153) }
```

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

```
.border{ border-color:rgb(255, 213, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1484, 0.3888, 0.3908 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
213, 153) }
```

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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