

Converting Colors

$Yxy(70.7357, 0.3892, 0.4086)$

Have a look what the booklet for
Yxy(70.7357, 0.3892, 0.4086)
contains.

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Color

Yxy(70.5980, 0.3895, 0.4086)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6D88C |
| RGB | 246, 216, 140 |
| RGB Percent | 96%, 85%, 55% |
| CMY | 0.0352, 0.1529, 0.4510 |
| CMYK | 0.00, 0.12, 0.43, 0.04 |
| HSL | 43°, 86%, 76% |
| HSV | 43°, 43%, 96% |
| XYZ | 67.2979, 70.5980, 34.8843 |
| YIQ | 216.3060, 42.2760, -17.2760 |

Conversions

Conversions Part 2

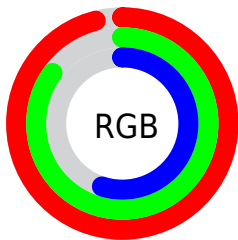
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 182, 246, 140 |
| Decimal | 16177292 |
| CIE Lab | 87.29, 0.43, 41.23 |
| CIE LCh | 87, 41.235, 89.396 |
| Yxy | 70.5980, 0.3895, 0.4086 |
| Android (android.graphics.Color) | 4294367372 (0xFFFF6D88C) |
| YUV | 216.3060, -37.6189, 26.0416 |
| Hunter-Lab | 84.0226, -4.0700, 34.1999 |

Details

The Yxy color **70.5980, 0.3895, 0.4086** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.9766, 0.2380, 0.2332**, and the grayscale version is **69.1307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **36.8857, 0.4069, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **66.4622, 0.4093, 0.4255**, and if you desaturate by 10%, it is **75.0539, 0.3699, 0.3902**.

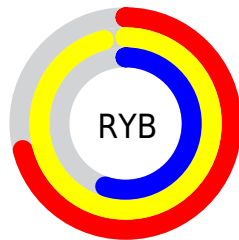
Distribution



Red (96%)

Green (85%)

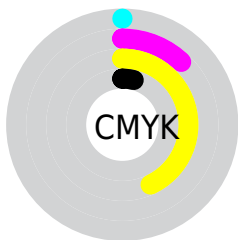
Blue (55%)



Red (71%)

Yellow (96%)

Blue (55%)

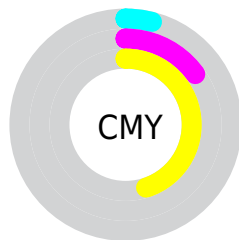


Cyan (0%)

Magenta (12%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5980, 0.3895, 0.4086 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 70.5980, 0.3895, 0.4086 by changing the saturation by 10% instead.


 70.5980, 0.3895,
0.4086


 70.5980, 0.3895,
0.4086


462.6469, 0.3546,
0.3725


 52.0142, 0.3971,
0.4164


 120.0611, 0.3776,
0.3964

 37.0164, 0.4062,
0.4258


 151.7093, 0.3730,
0.3915

 25.2202, 0.4173,
0.4372


 188.4810, 0.3689,
0.3873

 16.2412, 0.4307,
0.4510

230.7607, 0.3653,
0.3836

 9.6950, 0.4470,
0.4677

278.9327, 0.3622,
0.3803

 5.1972, 0.4702,
0.4913

333.3815, 0.3594,

 2.3634, 0.4896,

0.3774

0.5104

394.4914, 0.3569,
0.3748

■ 0.8070, 0.4907,
0.5093

■ 0.0000, 0.0000,
0.0000

■ 70.5980, 0.3895,
0.4086

■ 70.5980, 0.3895,
0.4086

■ 66.4622, 0.4093,
0.4255

■ 75.0539, 0.3699,
0.3902

■ 62.6236, 0.4287,
0.4399

■ 79.8316, 0.3511,
0.3713

■ 59.0716, 0.4465,
0.4505

■ 84.9454, 0.3336,
0.3525

■ 55.7899, 0.4619,
0.4567

■ 90.4056, 0.3174,
0.3344

■ 52.7593, 0.4743,
0.4577

■ 95.6962, 0.3073,
0.3249

■ 50.7954, 0.4813,
0.4560

■ 98.3351, 0.3072,
0.3290

Harmonies

Analogous

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



70.5980, 0.4118, 0.3773



70.5980, 0.3895, 0.4086



70.5980, 0.3473, 0.4201

Triad

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



70.5980, 0.3895, 0.4086



70.5980, 0.2278, 0.3084



70.5980, 0.3218, 0.2690

Complementary

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



70.5980, 0.3895, 0.4086



40.9766, 0.2380, 0.2332

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.



70.5980, 0.2732, 0.2515



70.5980, 0.3895, 0.4086



70.5980, 0.2222, 0.2702

Square

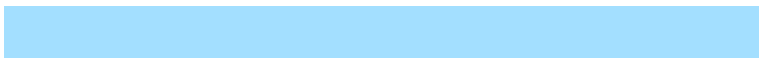
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5980, 0.3895, 0.4086



70.5980, 0.2544, 0.3583



70.5980, 0.2380, 0.2512



70.5980, 0.3716, 0.2997

Rectangle

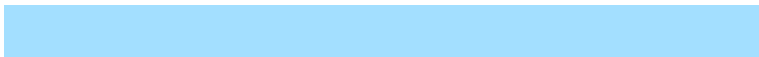
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5980, 0.3895, 0.4086



70.5980, 0.3142, 0.4114



70.5980, 0.2380, 0.2512



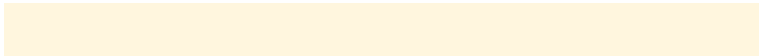
70.5980, 0.3047, 0.2615

Sweetspot

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



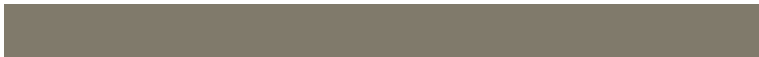
70.6013, 0.3895, 0.4086



92.2048, 0.3334, 0.3524



41.2504, 0.3931, 0.2967



19.4660, 0.3372, 0.3565



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.



70.6013, 0.3895, 0.4086



72.5428, 0.4074, 0.4239



83.5067, 0.3606, 0.4419



18.4744, 0.3276, 0.3459



27.3597, 0.4800, 0.4570



2.5786, 0.4706, 0.4645

Inverse Universe

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



40.9766, 0.2380, 0.2332



36.5046, 0.2213, 0.2088



33.1887, 0.2480, 0.2003



16.6904, 0.2980, 0.3115



6.0694, 0.1599, 0.0958



0.7008, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 70.5980, 0.3895, 0.4086 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 70.5980, 0.3895, 0.4086 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 70.5980, 0.3895, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 70.5980, 0.3895, 0.4086.



This preview shows how white text looks on a background with the Yxy color 70.5980, 0.3895, 0.4086.

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

70.5980, 0.3895, 0.4086

Protanopia

70.7633, 0.3812, 0.4124

Deuteranopia

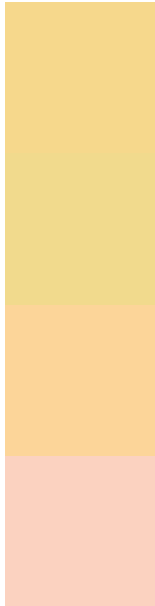
70.4217, 0.3837, 0.3807



Tritanopia

70.4874, 0.3379, 0.3128

Trichromacy



Original Color

70.5980, 0.3895, 0.4086

Protanomaly

70.7667, 0.3840, 0.4107

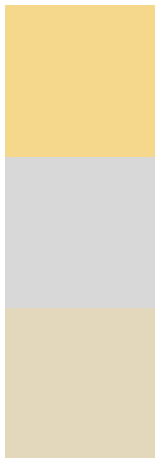
Deuteranomaly

70.5839, 0.3864, 0.3913

Tritanomaly

70.4082, 0.3574, 0.3479

Monochromacy



Original Color

70.5980, 0.3895, 0.4086

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0735, 0.3404, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5980, 0.3895, 0.4086 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(246, 216, 140)` looks like.

```
.text, #text, p{  
    color:rgb(246, 216, 140)  
}
```

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(246, 216, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 140) }
```

Border

The CSS property to change the border of an element to Yxy 70.5980, 0.3895, 0.4086 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(246, 216, 140) }
```

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

```
.border{ border-color:rgb(246, 216, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 216, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 216, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 216, 140);  
box-shadow:4px 4px 4px 4px rgb(246, 216,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5980, 0.3895, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 216, 140) }
```

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

```
.background{ background-color: rgb(246,  
216, 140) }
```

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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