

Converting Colors

Yxy(69.4533, 0.3991, 0.4117)

Have a look what the booklet for
Yxy(69.4533, 0.3991, 0.4117)
contains.

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Color

Yxy(69.6059, 0.3988, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	FAD585
RGB	250, 213, 133
RGB Percent	98%, 84%, 52%
CMY	0.0198, 0.1646, 0.4785
CMYK	0.00, 0.15, 0.47, 0.02
HSL	41°, 92%, 75%
HSV	41°, 47%, 98%
XYZ	67.4413, 69.6059, 32.0634
YIQ	214.9430, 47.7320, -17.0360

Conversions

Conversions Part 2

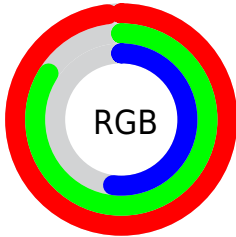
Format	Color
RYB	187, 250, 133
Decimal	16438661
CIELab	86.80, 2.85, 44.19
CIELCh	87, 44.279, 86.315
Yxy	69.6059, 0.3988, 0.4116
Android (android.graphics.Color)	4294628741 (0xFFFAD585)
YUV	214.9430, -40.3979, 30.7450
Hunter-Lab	83.4302, -1.7112, 35.6151

Details

The Yxy color **69.6059, 0.3988, 0.4116** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.6055, 0.2320, 0.2282**, and the grayscale version is **68.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **36.4818, 0.4163, 0.4290** is the 20% darker color. If you saturate the color by 10%, you get **65.1232, 0.4196, 0.4271**, and if you desaturate by 10%, it is **74.4529, 0.3782, 0.3943**.

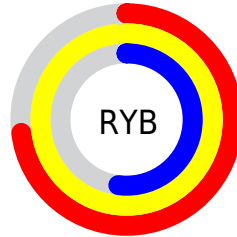
Distribution



Red (98%)

Green (84%)

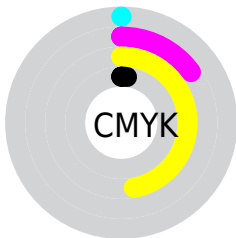
Blue (52%)



Red (73%)

Yellow (98%)

Blue (52%)

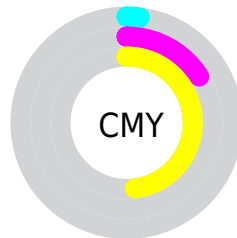


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6059, 0.3988, 0.4116 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 69.6059, 0.3988, 0.4116 by changing the saturation by 10% instead.


 69.6059, 0.3988,
0.4116


 69.6059, 0.3988,
0.4116


459.1650, 0.3596,
0.3745

 51.2053, 0.4073,
0.4195


 118.6466, 0.3855,
0.3991

 36.3720, 0.4174,
0.4288


 150.0554, 0.3803,
0.3942

 24.7217, 0.4297,
0.4400


 186.5692, 0.3757,
0.3898

 15.8698, 0.4445,
0.4532

228.5722, 0.3717,
0.3860

 9.4321, 0.4621,
0.4684

276.4489, 0.3681,
0.3826

 5.0241, 0.4918,
0.4942

330.5837, 0.3650,

 2.2614, 0.5022,

0.3796

0.4978

391.3609, 0.3622,
0.3769

0.7532, 0.5105,
0.4895

0.0000, 0.0000,
0.0000

69.6059, 0.3988,
0.4116

69.6059, 0.3988,
0.4116

65.1232, 0.4196,
0.4271

74.4529, 0.3782,
0.3943

60.9803, 0.4397,
0.4396

79.6676, 0.3585,
0.3762

57.1642, 0.4582,
0.4481

85.2657, 0.3402,
0.3581

53.6565, 0.4740,
0.4517

91.2589, 0.3233,
0.3405

■ 50.4343, 0.4865,
0.4502

■ 97.4657, 0.3097,
0.3266

■ 49.4530, 0.4901,
0.4490

■ 99.0572, 0.3096,
0.3290

Harmonies

Analogous

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



69.6059, 0.4203, 0.3761



69.6059, 0.3988, 0.4116



69.6059, 0.3548, 0.4276

Triad

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



69.6059, 0.3988, 0.4116



69.6059, 0.2235, 0.3116



69.6059, 0.3166, 0.2621

Complementary

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



69.6059, 0.3988, 0.4116



40.6055, 0.2320, 0.2282

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.



69.6059, 0.2654, 0.2452



69.6059, 0.3988, 0.4116



69.6059, 0.2153, 0.2688

Square

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



69.6059, 0.3988, 0.4116



69.6059, 0.2540, 0.3662



69.6059, 0.2299, 0.2466



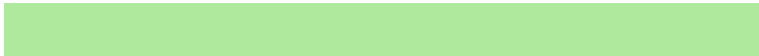
69.6059, 0.3711, 0.2936

Rectangle

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



69.6059, 0.3988, 0.4116



69.6059, 0.3194, 0.4209



69.6059, 0.2299, 0.2466



69.6059, 0.2984, 0.2546

Sweetspot

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



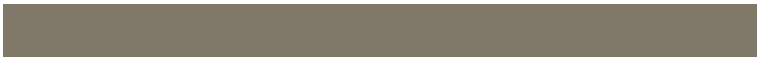
69.6092, 0.3988, 0.4116



90.9270, 0.3353, 0.3531



39.9903, 0.3992, 0.2900



19.1786, 0.3391, 0.3570



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.



69.6092, 0.3988, 0.4116



68.4805, 0.4181, 0.4260



86.6198, 0.3668, 0.4503



19.2120, 0.3277, 0.3452



26.5100, 0.4887, 0.4502



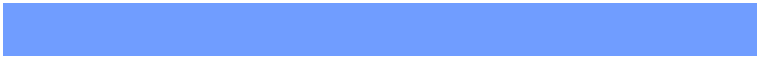
2.6454, 0.4783, 0.4584

Inverse Universe

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



40.6055, 0.2320, 0.2282



34.8918, 0.2154, 0.2039



30.5818, 0.2382, 0.1866



17.5375, 0.2979, 0.3123



6.8500, 0.1620, 0.1033



0.8160, 0.1685, 0.1266

Previews

White Background



This preview shows how the Yxy color 69.6059, 0.3988, 0.4116 looks on a white background.

Color Contrast Check

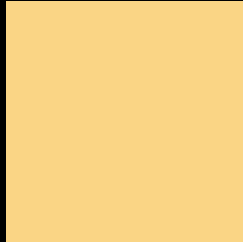
Large Text (above 18pt) WCAG AA × Fail

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 69.6059, 0.3988, 0.4116 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 69.6059, 0.3988, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 69.6059, 0.3988, 0.4116.



This preview shows how white text looks on a background with the Yxy color 69.6059, 0.3988, 0.4116.

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

69.6059, 0.3988, 0.4116

Protanopia

69.8966, 0.3848, 0.4178

Deuteranopia

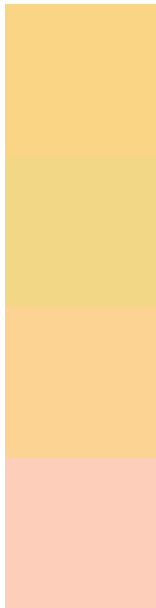
69.7197, 0.3885, 0.3859



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.6059, 0.3988, 0.4116

Protanomaly

69.7102, 0.3903, 0.4156

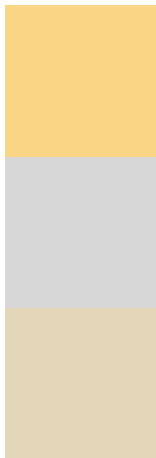
Deuteranomaly

69.5778, 0.3923, 0.3952

Tritanomaly

69.0962, 0.3636, 0.3499

Monochromacy



Original Color

69.6059, 0.3988, 0.4116

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0899, 0.3437, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6059, 0.3988, 0.4116 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(250, 213, 133)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 133)  
}
```

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(250, 213, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 133) }
```

Border

The CSS property to change the border of an element to Yxy 69.6059, 0.3988, 0.4116 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(250, 213, 133) }
```

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

```
.border{ border-color:rgb(250, 213, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 133);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6059, 0.3988, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 133) }
```

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

```
.background{ background-color: rgb(250,  
213, 133) }
```

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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