

Converting Colors

$Yxy(69.8753, 0.3976, 0.4084)$

Have a look what the booklet for
Yxy(69.8753, 0.3976, 0.4084)
contains.

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Color

Yxy(69.8753, 0.3976, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	FBD588
RGB	251, 213, 136
RGB Percent	98%, 84%, 53%
CMY	0.0156, 0.1647, 0.4667
CMYK	0.00, 0.15, 0.46, 0.02
HSL	40°, 94%, 76%
HSV	40°, 46%, 98%
XYZ	68.0275, 69.8753, 33.1925
YIQ	215.5840, 47.3650, -15.8910

Conversions

Conversions Part 2

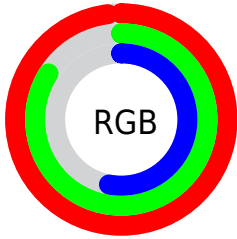
Format	Color
R _Y B	193, 251, 136
Decimal	16504200
CIE Lab	86.94, 3.56, 42.87
CIE LCh	87, 43.020, 85.249
Yxy	69.8753, 0.3976, 0.4084
Android (android.graphics.Color)	4294694280 (0xFFFFBD588)
YUV	215.5840, -39.2349, 31.0598
Hunter-Lab	83.5914, -1.0201, 34.9711

Details

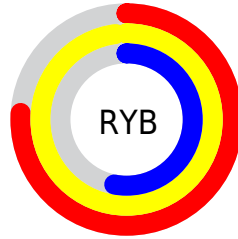
The Yxy color **69.8753, 0.3976, 0.4084** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4804, 0.2341, 0.2329**, and the grayscale version is **68.6223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **36.6586, 0.4149, 0.4252** is the 20% darker color. If you saturate the color by 10%, you get **65.1783, 0.4189, 0.4238**, and if you desaturate by 10%, it is **74.9597, 0.3767, 0.3913**.

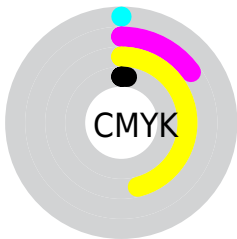
Distribution



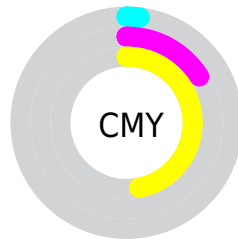
- Red (98%)
- Green (84%)
- Blue (53%)



- Red (76%)
- Yellow (98%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8753, 0.3976, 0.4084 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 69.8753, 0.3976, 0.4084 by changing the saturation by 10% instead.

 69.8753, 0.3976,
0.4084


 69.8753, 0.3976,
0.4084

460.1120, 0.3589,
0.3728


 51.4249, 0.4060,
0.4160

 119.0309, 0.3844,
0.3964

 36.5469, 0.4162,
0.4250


 150.5049, 0.3792,
0.3916

 24.8568, 0.4284,
0.4358


 187.0888, 0.3747,
0.3875

 15.9704, 0.4434,
0.4485

229.1672, 0.3708,
0.3838

 9.5032, 0.4614,
0.4634

277.1242, 0.3673,
0.3806

 5.0708, 0.4896,
0.4865

331.3445, 0.3642,

 2.2889, 0.5059,

0.3777

0.4941

392.2123, 0.3614,
0.3751

■ 0.7678, 0.5154,
0.4846

■ 0.0000, 0.0000,
0.0000

■ 69.8753, 0.3976,
0.4084

■ 69.8753, 0.3976,
0.4084

■ 65.1783, 0.4189,
0.4238

■ 74.9597, 0.3767,
0.3913

■ 60.8436, 0.4397,
0.4364

■ 80.4352, 0.3569,
0.3735

■ 56.8581, 0.4590,
0.4451

■ 86.3181, 0.3385,
0.3558

■ 53.2028, 0.4757,
0.4489

■ 92.6204, 0.3217,
0.3386

■ 49.8548, 0.4892,
0.4475

■ 98.9272, 0.3103,
0.3285

■ 48.5343, 0.4942,
0.4458

■ 99.2533, 0.3103,
0.3290

Harmonies

Analogous

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



69.8753, 0.4174, 0.3737



69.8753, 0.3976, 0.4084



69.8753, 0.3555, 0.4245

Triad

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



69.8753, 0.3976, 0.4084



69.8753, 0.2266, 0.3140



69.8753, 0.3147, 0.2630

Complementary

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



69.8753, 0.3976, 0.4084



42.4804, 0.2341, 0.2329

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.



69.8753, 0.2652, 0.2471



69.8753, 0.3976, 0.4084



69.8753, 0.2178, 0.2718

Square

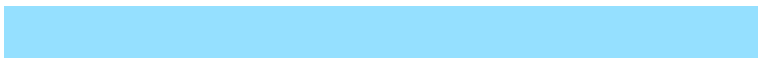
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8753, 0.3976, 0.4084



69.8753, 0.2571, 0.3669



69.8753, 0.2313, 0.2493



69.8753, 0.3677, 0.2933

Rectangle

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



69.8753, 0.3976, 0.4084



69.8753, 0.3213, 0.4187



69.8753, 0.2313, 0.2493



69.8753, 0.2970, 0.2559

Sweetspot

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



69.8786, 0.3976, 0.4084



90.6105, 0.3354, 0.3526



41.1900, 0.3944, 0.2887



19.1011, 0.3391, 0.3564



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.



69.8786, 0.3976, 0.4084



67.9156, 0.4172, 0.4227



87.9164, 0.3672, 0.4473



19.1672, 0.3277, 0.3448



25.7847, 0.4926, 0.4470



2.5822, 0.4816, 0.4558

Inverse Universe

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



42.4804, 0.2341, 0.2329



36.3768, 0.2177, 0.2092



31.5591, 0.2387, 0.1894



17.5802, 0.2979, 0.3127



7.1476, 0.1631, 0.1070



0.8476, 0.1696, 0.1304

Previews

White Background



This preview shows how the Yxy color 69.8753, 0.3976, 0.4084 looks on a white background.

Color Contrast Check

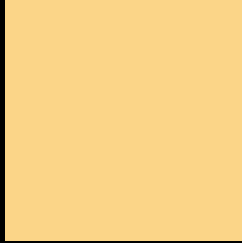
Large Text (above 18pt) WCAG AA × Fail

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 69.8753, 0.3976, 0.4084 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 69.8753, 0.3976, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 69.8753, 0.3976, 0.4084.



This preview shows how white text looks on a background with the Yxy color 69.8753, 0.3976, 0.4084.

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

69.8753, 0.3976, 0.4084

Protanopia

69.9823, 0.3828, 0.4148

Deuteranopia

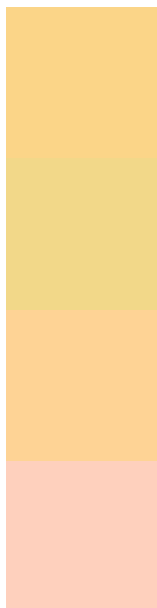
69.7875, 0.3870, 0.3838



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

69.8753, 0.3976, 0.4084

Protanomaly

69.7951, 0.3883, 0.4126

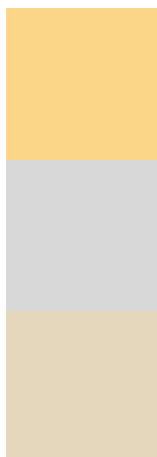
Deuteranomaly

69.8293, 0.3917, 0.3930

Tritanomaly

69.8567, 0.3626, 0.3488

Monochromacy



Original Color

69.8753, 0.3976, 0.4084

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8467, 0.3429, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8753, 0.3976, 0.4084 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(251, 213, 136)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 136)  
}
```

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(251, 213, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 136) }
```

Border

The CSS property to change the border of an element to Yxy 69.8753, 0.3976, 0.4084 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(251, 213, 136) }
```

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

```
.border{ border-color:rgb(251, 213, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 213, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 136);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8753, 0.3976, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 136) }
```

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

```
.background{ background-color: rgb(251,  
213, 136) }
```

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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