

Converting Colors

$Yxy(67.5624, 0.3775, 0.3757)$

Have a look what the booklet for
Yxy(67.5624, 0.3775, 0.3757)
contains.

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Color

Yxy(67.7485, 0.3769, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0A4
RGB	248, 208, 164
RGB Percent	97%, 82%, 64%
CMY	0.0275, 0.1843, 0.3569
CMYK	0.00, 0.16, 0.34, 0.03
HSL	31°, 86%, 81%
HSV	31°, 34%, 97%
XYZ	67.9649, 67.7485, 44.6127
YIQ	214.9440, 37.9640, -5.2040

Conversions

Conversions Part 2

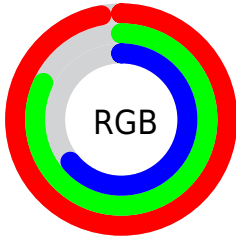
Format	Color
R _Y B	240, 248, 164
Decimal	16306340
CIE Lab	85.88, 7.97, 27.11
CIE LCh	86, 28.258, 73.609
Yxy	67.7485, 0.3769, 0.3757
Android (android.graphics.Color)	4294496420 (0xFFF8D0A4)
YUV	214.9440, -25.1154, 28.9901
Hunter-Lab	82.3095, 3.3501, 25.4808

Details

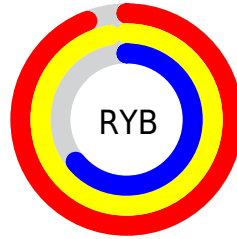
The Yxy color $67.7485, 0.3769, 0.3757$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $57.8415, 0.2578, 0.2770$, and the grayscale version is $68.0701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8945, 0.3339, 0.3641$, and $35.2282, 0.3917, 0.3863$ is the 20% darker color. If you saturate the color by 10%, you get $61.3977, 0.4008, 0.3896$, and if you desaturate by 10%, it is $74.7086, 0.3552, 0.3614$.

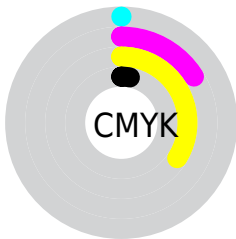
Distribution



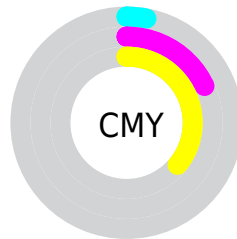
- Red (97%)
- Green (82%)
- Blue (64%)



- Red (94%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7485, 0.3769, 0.3757 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 67.7485, 0.3769, 0.3757 by changing the saturation by 10% instead.


 67.7485, 0.3769,
0.3757

 67.7485, 0.3769,
0.3757


452.6044, 0.3468,
0.3545

 49.6932, 0.3838,
0.3804


 115.9923, 0.3664,
0.3685

 35.1697, 0.3923,
0.3860


 146.9495, 0.3624,
0.3656

 23.7936, 0.4031,
0.3929


182.9762, 0.3589,
0.3632

 15.1806, 0.4170,
0.4016

224.4566, 0.3558,
0.3610

 8.9462, 0.4355,
0.4125

271.7753, 0.3531,
0.3591

 4.7061, 0.4610,
0.4260

325.3165, 0.3508,

 2.0759, 0.5273,

0.3574

0.4684

385.4648, 0.3487,
0.3559

0.6510, 0.5555,
0.4445

0.0000, 0.0000,
0.0000

67.7485, 0.3769,
0.3757

67.7485, 0.3769,
0.3757

61.3977, 0.4008,
0.3896

74.7086, 0.3552,
0.3614

55.6274, 0.4266,
0.4023

82.2870, 0.3358,
0.3474

50.4199, 0.4533,
0.4125

90.5042, 0.3187,
0.3340

45.7526, 0.4797,
0.4191

98.6947, 0.3084,
0.3290

■ 41.6005, 0.5042,
0.4209

■ 37.9349, 0.5251,
0.4170

■ 35.9079, 0.5362,
0.4124

Harmonies

Analogous

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



67.7485, 0.3817, 0.3503



67.7485, 0.3769, 0.3757



67.7485, 0.3544, 0.3904

Triad

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



67.7485, 0.3769, 0.3757



67.7485, 0.2610, 0.3333



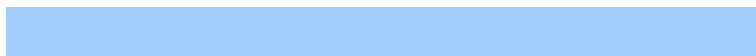
67.7485, 0.3009, 0.2779

Complementary

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



67.7485, 0.3769, 0.3757



57.8415, 0.2578, 0.2770

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.



67.7485, 0.2703, 0.2719



67.7485, 0.3769, 0.3757



67.7485, 0.2484, 0.3015

Square

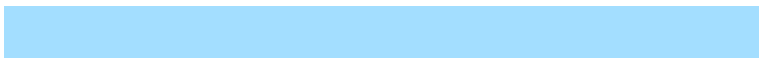
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7485, 0.3769, 0.3757



67.7485, 0.2873, 0.3660



67.7485, 0.2517, 0.2798



67.7485, 0.3364, 0.2957

Rectangle

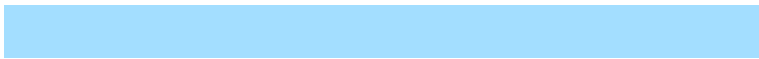
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7485, 0.3769, 0.3757



67.7485, 0.3330, 0.3907



67.7485, 0.2517, 0.2798



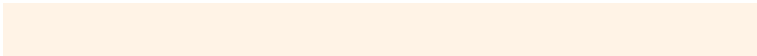
67.7485, 0.2898, 0.2745

Sweetspot

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



67.7516, 0.3769, 0.3757



90.9642, 0.3290, 0.3421



50.8914, 0.3540, 0.2861



19.2102, 0.3314, 0.3440



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

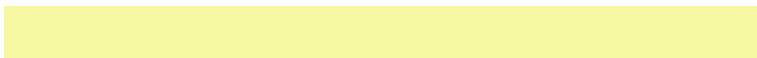
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7516, 0.3769, 0.3757



67.2529, 0.3939, 0.3858



89.5086, 0.3629, 0.4139



18.7305, 0.3281, 0.3414



19.6824, 0.5339, 0.4143



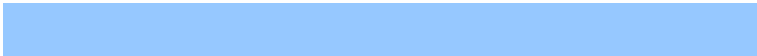
2.0353, 0.5165, 0.4281

Inverse Universe

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



57.8415, 0.2578, 0.2770



55.1538, 0.2459, 0.2638



41.3669, 0.2524, 0.2279



18.0059, 0.2980, 0.3162



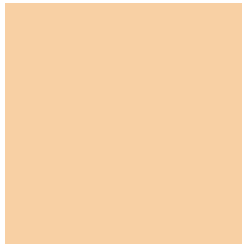
10.9423, 0.1749, 0.1496



1.2242, 0.1811, 0.1718

Previews

White Background



This preview shows how the Yxy color 67.7485, 0.3769, 0.3757 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 67.7485, 0.3769, 0.3757 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 67.7485, 0.3769, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 67.7485, 0.3769, 0.3757.



This preview shows how white text looks on a background with the Yxy color 67.7485, 0.3769, 0.3757.

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

67.7485, 0.3769, 0.3757

Protanopia

68.0489, 0.3573, 0.3823

Deuteranopia

67.7056, 0.3817, 0.3730



Tritanopia

67.8020, 0.3431, 0.3138

Trichromacy



Original Color

67.7485, 0.3769, 0.3757

Protanomaly

67.6730, 0.3644, 0.3793

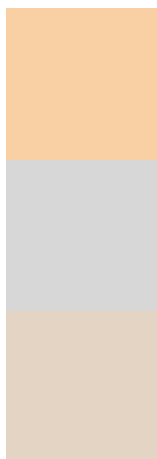
Deuteranomaly

67.8152, 0.3797, 0.3743

Tritanomaly

67.9124, 0.3557, 0.3364

Monochromacy



Original Color

67.7485, 0.3769, 0.3757

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4034, 0.3353, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7485, 0.3769, 0.3757 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(248, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 164)  
}
```

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(248, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 164) }
```

Border

The CSS property to change the border of an element to Yxy 67.7485, 0.3769, 0.3757 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(248, 208, 164) }
```

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

```
.border{ border-color:rgb(248, 208, 164) }
```

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

Here you see how a box with a 4 pixel rgb(248, 208, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 164);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7485, 0.3769, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 164) }
```

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

```
.background{ background-color: rgb(248,  
208, 164) }
```

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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