

Converting Colors

$Yxy(68.8028, 0.3747, 0.3756)$

Have a look what the booklet for
Yxy(68.8028, 0.3747, 0.3756)
contains.

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Color

Yxy(68.8028, 0.3747, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	F8D2A6
RGB	248, 210, 166
RGB Percent	97%, 82%, 65%
CMY	0.0275, 0.1764, 0.3490
CMYK	0.00, 0.15, 0.33, 0.03
HSL	32°, 85%, 81%
HSV	32°, 33%, 97%
XYZ	68.6379, 68.8028, 45.7403
YIQ	216.3460, 36.7720, -5.6280

Conversions

Conversions Part 2

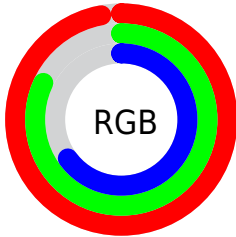
Format	Color
R _Y B	237, 248, 166
Decimal	16306854
CIE Lab	86.41, 7.18, 26.77
CIE LCh	86, 27.721, 74.990
Yxy	68.8028, 0.3747, 0.3756
Android (android.graphics.Color)	4294496934 (0xFFF8D2A6)
YUV	216.3460, -24.8206, 27.7606
Hunter-Lab	82.9475, 2.5484, 25.3685

Details

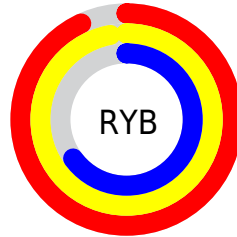
The Yxy color **68.8028, 0.3747, 0.3756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.0612, 0.2590, 0.2772**, and the grayscale version is **69.0727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **35.9390, 0.3886, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **62.5111, 0.3982, 0.3899**, and if you desaturate by 10%, it is **75.6836, 0.3534, 0.3610**.

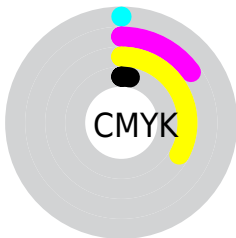
Distribution



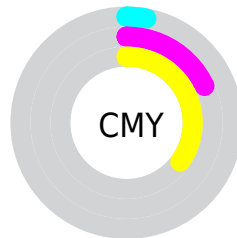
- Red (97%)
- Green (82%)
- Blue (65%)



- Red (93%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8028, 0.3747, 0.3756 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 68.8028, 0.3747, 0.3756 by changing the saturation by 10% instead.


 68.8028, 0.3747,
0.3756

 68.8028, 0.3747,
0.3756


456.3352, 0.3457,
0.3545

 50.5511, 0.3813,
0.3803

 117.4999, 0.3646,
0.3684

 35.8515, 0.3895,
0.3859


 148.7141, 0.3607,
0.3655

 24.3195, 0.3998,
0.3929


185.0179, 0.3573,
0.3631

 15.5708, 0.4131,
0.4016

226.7957, 0.3544,
0.3609

 9.2210, 0.4308,
0.4126

274.4320, 0.3518,
0.3590

 4.8856, 0.4551,
0.4266

328.3110, 0.3496,

 2.1803, 0.5131,

0.3573

0.4644

388.8173, 0.3475,
0.3558

0.7092, 0.5450,
0.4550

0.0000, 0.0000,
0.0000

68.8028, 0.3747,
0.3756

68.8028, 0.3747,
0.3756

62.5111, 0.3982,
0.3899

75.6836, 0.3534,
0.3610

56.7803, 0.4234,
0.4030

83.1614, 0.3343,
0.3467

51.5937, 0.4496,
0.4138

91.2561, 0.3174,
0.3330

46.9296, 0.4754,
0.4210

98.6943, 0.3084,
0.3290

■ 42.7642, 0.4995,
0.4234

■ 39.0701, 0.5201,
0.4203

■ 36.7599, 0.5324,
0.4154

Harmonies

Analogous

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



68.8028, 0.3802, 0.3511



68.8028, 0.3747, 0.3756



68.8028, 0.3521, 0.3892

Triad

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



68.8028, 0.3747, 0.3756



68.8028, 0.2613, 0.3317



68.8028, 0.3028, 0.2796

Complementary

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



68.8028, 0.3747, 0.3756



58.0612, 0.2590, 0.2772

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.



68.8028, 0.2725, 0.2732



68.8028, 0.3747, 0.3756



68.8028, 0.2496, 0.3010

Square

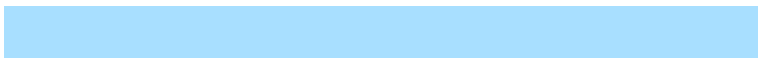
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8028, 0.3747, 0.3756



68.8028, 0.2866, 0.3638



68.8028, 0.2536, 0.2803



68.8028, 0.3374, 0.2975

Rectangle

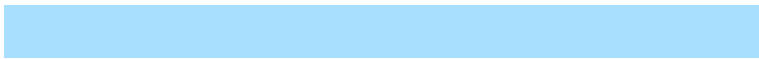
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8028, 0.3747, 0.3756



68.8028, 0.3311, 0.3888



68.8028, 0.2536, 0.2803



68.8028, 0.2918, 0.2761

Sweetspot

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



68.8060, 0.3747, 0.3756



91.1586, 0.3289, 0.3425



51.6006, 0.3539, 0.2886



19.2572, 0.3314, 0.3444



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.



68.8060, 0.3747, 0.3756



68.5499, 0.3909, 0.3857



89.3392, 0.3608, 0.4122



18.7684, 0.3280, 0.3417



20.1438, 0.5301, 0.4173



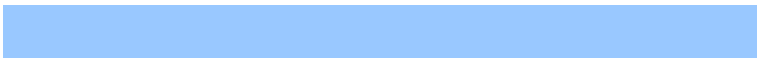
2.0779, 0.5133, 0.4307

Inverse Universe

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



58.0612, 0.2590, 0.2772



55.4167, 0.2473, 0.2640



42.4566, 0.2550, 0.2309



17.9683, 0.2980, 0.3159



10.5444, 0.1738, 0.1455



1.1863, 0.1800, 0.1680

Previews

White Background



This preview shows how the Yxy color 68.8028, 0.3747, 0.3756 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 68.8028, 0.3747, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

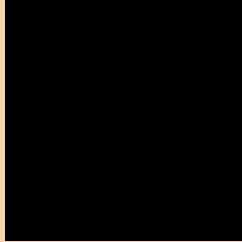
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8028, 0.3747, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 68.8028, 0.3747, 0.3756.



This preview shows how white text looks on a background with the Yxy color 68.8028, 0.3747, 0.3756.

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

68.8028, 0.3747, 0.3756

Protanopia

68.9652, 0.3572, 0.3809

Deuteranopia

68.9358, 0.3802, 0.3728



Tritanopia

68.8972, 0.3406, 0.3128

Trichromacy



Original Color

68.8028, 0.3747, 0.3756

Protanomaly

68.9248, 0.3632, 0.3791

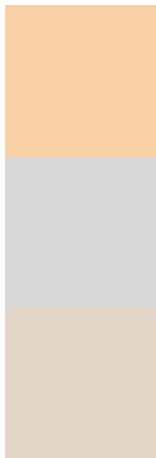
Deuteranomaly

69.0495, 0.3783, 0.3740

Tritanomaly

69.0082, 0.3530, 0.3353

Monochromacy



Original Color

68.8028, 0.3747, 0.3756

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6643, 0.3344, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8028, 0.3747, 0.3756 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, 210, 166)` looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 166)  
}
```

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, 210, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 166) }
```

Border

The CSS property to change the border of an element to Yxy 68.8028, 0.3747, 0.3756 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, 210, 166) }
```

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

```
.border{ border-color:rgb(248, 210, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 210, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 210, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 210, 166);  
box-shadow:4px 4px 4px 4px rgb(248, 210,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8028, 0.3747, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 166) }
```

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

```
.background{ background-color: rgb(248,  
210, 166) }
```

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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