

Converting Colors

$Yxy(68.6939, 0.3750, 0.3788)$

Have a look what the booklet for
Yxy(68.6939, 0.3750, 0.3788)
contains.

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Color

Yxy(68.8617, 0.3743, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	F6D3A4
RGB	246, 211, 164
RGB Percent	96%, 83%, 64%
CMY	0.0352, 0.1726, 0.3569
CMYK	0.00, 0.14, 0.33, 0.04
HSL	34°, 82%, 80%
HSV	34°, 33%, 96%
XYZ	68.0077, 68.8617, 44.8237
YIQ	216.1070, 35.9470, -7.1970

Conversions

Conversions Part 2

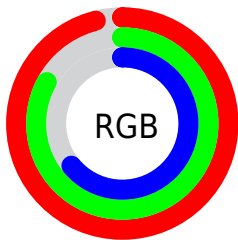
Format	Color
RYB	225, 246, 164
Decimal	16176036
CIELab	86.44, 5.68, 27.83
CIELCh	86, 28.405, 78.473
Yxy	68.8617, 0.3743, 0.3790
Android (android.graphics.Color)	4294366116 (0xFFFF6D3A4)
YUV	216.1070, -25.6888, 26.2162
Hunter-Lab	82.9830, 1.0675, 26.0622

Details

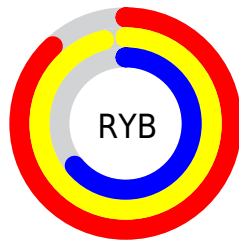
The Yxy color **68.8617, 0.3743, 0.3790** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.4042, 0.2581, 0.2730**, and the grayscale version is **68.9092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **36.1026, 0.3890, 0.3904** is the 20% darker color. If you saturate the color by 10%, you get **63.0097, 0.3970, 0.3941**, and if you desaturate by 10%, it is **75.2332, 0.3534, 0.3635**.

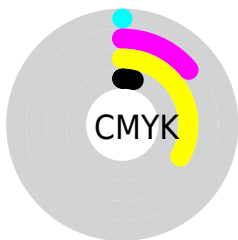
Distribution



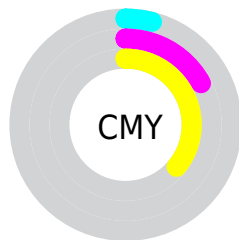
- Red (96%)
- Green (83%)
- Blue (64%)



- Red (88%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8617, 0.3743, 0.3790 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 68.8617, 0.3743, 0.3790 by changing the saturation by 10% instead.


 68.8617, 0.3743,
0.3790


 68.8617, 0.3743,
0.3790

456.5430, 0.3456,
0.3562

 50.5991, 0.3808,
0.3840


 117.5840, 0.3643,
0.3712

 35.8896, 0.3889,
0.3902


 148.8125, 0.3605,
0.3681

 24.3490, 0.3990,
0.3977


185.1318, 0.3571,
0.3655

 15.5927, 0.4121,
0.4072

226.9262, 0.3542,
0.3632

 9.2364, 0.4293,
0.4193

274.5801, 0.3516,
0.3611

 4.8957, 0.4528,
0.4346

328.4779, 0.3494,

 2.1862, 0.5131,

0.3593

0.4791

389.0041, 0.3474,
0.3577

0.7125, 0.5338,
0.4662

0.0000, 0.0000,
0.0000

68.8617, 0.3743,
0.3790

68.8617, 0.3743,
0.3790

63.0097, 0.3970,
0.3941

75.2332, 0.3534,
0.3635

57.6512, 0.4211,
0.4080

82.1301, 0.3346,
0.3483

52.7718, 0.4458,
0.4195

89.5702, 0.3179,
0.3337

48.3523, 0.4699,
0.4274

97.0814, 0.3073,
0.3271

■ 44.3713, 0.4921,
0.4305

■ 98.3380, 0.3072,
0.3290

■ 40.8042, 0.5109,
0.4281

■ 38.6388, 0.5216,
0.4240

Harmonies

Analogous

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



68.8617, 0.3823, 0.3548



68.8617, 0.3743, 0.3790



68.8617, 0.3495, 0.3912

Triad

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



68.8617, 0.3743, 0.3790



68.8617, 0.2579, 0.3278



68.8617, 0.3066, 0.2801

Complementary

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



68.8617, 0.3743, 0.3790



55.4042, 0.2581, 0.2730

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.



68.8617, 0.2746, 0.2720



68.8617, 0.3743, 0.3790



68.8617, 0.2478, 0.2971

Square

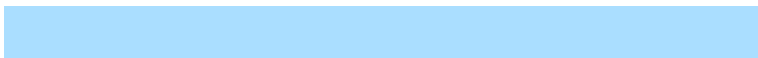
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8617, 0.3743, 0.3790



68.8617, 0.2823, 0.3611



68.8617, 0.2537, 0.2775



68.8617, 0.3420, 0.2995

Rectangle

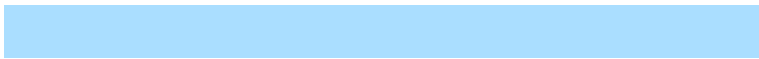
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8617, 0.3743, 0.3790



68.8617, 0.3274, 0.3894



68.8617, 0.2537, 0.2775



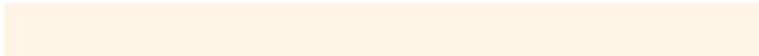
68.8617, 0.2951, 0.2760

Sweetspot

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



68.8649, 0.3743, 0.3790



91.7133, 0.3288, 0.3433



50.2941, 0.3569, 0.2911



19.3915, 0.3313, 0.3454



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.



68.8649, 0.3743, 0.3790



70.3694, 0.3894, 0.3893



87.2323, 0.3592, 0.4135



18.0591, 0.3279, 0.3426



20.9026, 0.5195, 0.4257



2.0408, 0.5035, 0.4384

Inverse Universe

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



55.4042, 0.2581, 0.2730



53.7235, 0.2466, 0.2595



41.6889, 0.2564, 0.2305



17.0902, 0.2980, 0.3151



9.2144, 0.1706, 0.1343



1.0093, 0.1774, 0.1586

Previews

White Background



This preview shows how the Yxy color 68.8617, 0.3743, 0.3790 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 68.8617, 0.3743, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

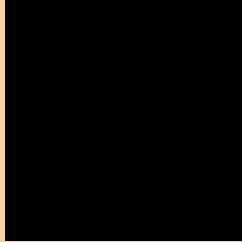
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8617, 0.3743, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 68.8617, 0.3743, 0.3790.



This preview shows how white text looks on a background with the Yxy color 68.8617, 0.3743, 0.3790.

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

68.8617, 0.3743, 0.3790

Protanopia

68.8538, 0.3593, 0.3842

Deuteranopia

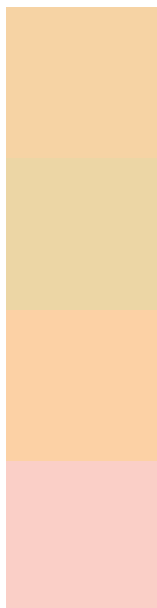
69.0884, 0.3818, 0.3737



Tritanopia

68.9957, 0.3389, 0.3137

Trichromacy



Original Color

68.8617, 0.3743, 0.3790

Protanomaly

68.6426, 0.3646, 0.3825

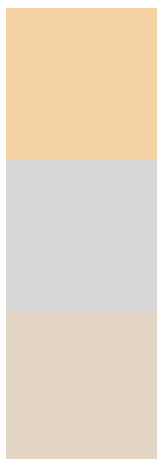
Deuteranomaly

69.0130, 0.3790, 0.3751

Tritanomaly

69.0732, 0.3520, 0.3375

Monochromacy



Original Color

68.8617, 0.3743, 0.3790

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4552, 0.3343, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8617, 0.3743, 0.3790 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, 211, 164)` looks like.

```
.text, #text, p{  
    color:rgb(246, 211, 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(246, 211, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 211, 164) }
```

Border

The CSS property to change the border of an element to Yxy 68.8617, 0.3743, 0.3790 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, 211, 164) }
```

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

```
.border{ border-color:rgb(246, 211, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 211, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 211, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 211, 164);  
box-shadow:4px 4px 4px 4px rgb(246, 211,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8617, 0.3743, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 211, 164) }
```

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

```
.background{ background-color: rgb(246,  
211, 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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