

Converting Colors

$Yxy(67.3488, 0.3855, 0.3711)$

Have a look what the booklet for
Yxy(67.3488, 0.3855, 0.3711)
contains.

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Color

Yxy(67.0901, 0.3848, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCA3
RGB	255, 204, 163
RGB Percent	100%, 80%, 64%
CMY	0.0000, 0.2000, 0.3607
CMYK	0.00, 0.20, 0.36, 0.00
HSL	27°, 100%, 82%
HSV	27°, 36%, 100%
XYZ	69.4546, 67.0901, 43.9506
YIQ	214.5750, 43.5570, -1.9390

Conversions

Conversions Part 2

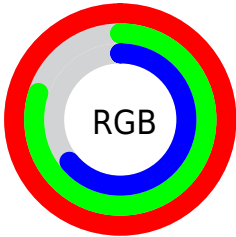
Format	Color
R _Y B	255, 237, 163
Decimal	16764067
CIE Lab	85.55, 12.64, 27.28
CIE LCh	86, 30.065, 65.129
Yxy	67.0901, 0.3848, 0.3717
Android (android.graphics.Color)	4294954147 (0xFFFFCCA3)
YUV	214.5750, -25.4265, 35.4527
Hunter-Lab	81.9085, 8.0196, 25.5221

Details

The Yxy color $67.0901, 0.3848, 0.3717$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $63.1198, 0.2553, 0.2816$, and the grayscale version is $67.8032, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8420, 0.3345, 0.3651$, and $34.8307, 0.4024, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $59.8429, 0.4112, 0.3835$, and if you desaturate by 10%, it is $75.1257, 0.3611, 0.3594$.

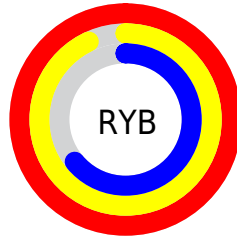
Distribution



Red (100%)

Green (80%)

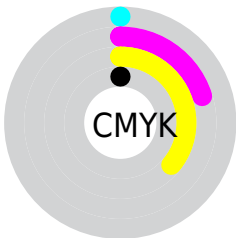
Blue (64%)



Red (100%)

Yellow (93%)

Blue (64%)

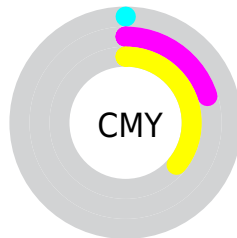


Cyan (0%)

Magenta (20%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0901, 0.3848, 0.3717 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 67.0901, 0.3848, 0.3717 by changing the saturation by 10% instead.

 67.0901, 0.3848,
0.3717

 67.0901, 0.3848,
0.3717


450.2654, 0.3508,
0.3527

 49.1579, 0.3926,
0.3758

 115.0495, 0.3729,
0.3653

 34.7447, 0.4023,
0.3807

 145.8455, 0.3684,
0.3627

 23.4663, 0.4145,
0.3866


181.6981, 0.3644,
0.3605

 14.9382, 0.4304,
0.3938

222.9918, 0.3610,
0.3586

 8.7760, 0.4516,
0.4025

270.1110, 0.3580,
0.3568

 4.5954, 0.4810,
0.4124

323.4401, 0.3553,

 2.0119, 0.5538,

0.3553

0.4462

383.3634, 0.3530,
0.3539

0.6144, 0.5926,
0.4074

0.0000, 0.0000,
0.0000

67.0901, 0.3848,
0.3717

67.0901, 0.3848,
0.3717

59.8429, 0.4112,
0.3835

75.1257, 0.3611,
0.3594

53.3663, 0.4401,
0.3939

83.9850, 0.3404,
0.3473

47.6280, 0.4704,
0.4016

93.6892, 0.3224,
0.3357

42.5963, 0.5006,
0.4055

100.0000, 0.3127,
0.3290

■ 38.2364, 0.5283,
0.4042

■ 34.5085, 0.5517,
0.3974

■ 33.1996, 0.5598,
0.3937

Harmonies

Analogous

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



67.0901, 0.3839, 0.3429



67.0901, 0.3848, 0.3717



67.0901, 0.3654, 0.3916

Triad

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



67.0901, 0.3848, 0.3717



67.0901, 0.2642, 0.3439



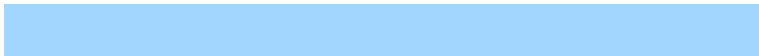
67.0901, 0.2899, 0.2715

Complementary

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



67.0901, 0.3848, 0.3717



63.1198, 0.2553, 0.2816

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.



67.0901, 0.2605, 0.2691



67.0901, 0.3848, 0.3717



67.0901, 0.2464, 0.3083

Square

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



67.0901, 0.3848, 0.3717



67.0901, 0.2954, 0.3769



67.0901, 0.2451, 0.2816



67.0901, 0.3273, 0.2872

Rectangle

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



67.0901, 0.3848, 0.3717



67.0901, 0.3444, 0.3960



67.0901, 0.2451, 0.2816



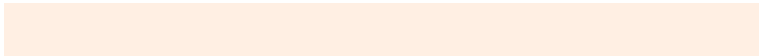
67.0901, 0.2788, 0.2691

Sweetspot

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



67.0869, 0.3848, 0.3717



88.7963, 0.3310, 0.3414



52.3772, 0.3507, 0.2757



18.7260, 0.3334, 0.3429



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.



67.0869, 0.3848, 0.3717



61.9827, 0.4028, 0.3800



91.5753, 0.3691, 0.4138



19.3189, 0.3283, 0.3396



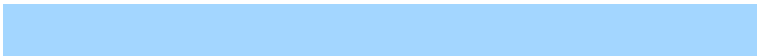
17.6347, 0.5570, 0.3959



1.9310, 0.5375, 0.4114

Inverse Universe

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



63.1198, 0.2553, 0.2816



57.4920, 0.2444, 0.2707



43.4438, 0.2476, 0.2271



19.0485, 0.2979, 0.3181



14.0944, 0.1822, 0.1760



1.5904, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 67.0901, 0.3848, 0.3717 looks on a white background.

Color Contrast Check

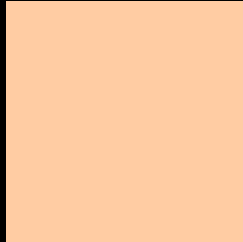
Large Text (above 18pt) WCAG AA × Fail

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 67.0901, 0.3848, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

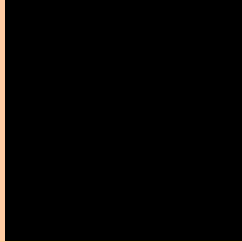
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0901, 0.3848, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 67.0901, 0.3848, 0.3717.



This preview shows how white text looks on a background with the Yxy color 67.0901, 0.3848, 0.3717.

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

67.0901, 0.3848, 0.3717

Protanopia

67.3771, 0.3568, 0.3814

Deuteranopia

67.0024, 0.3820, 0.3732



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

67.0901, 0.3848, 0.3717

Protanomaly

67.0235, 0.3667, 0.3770

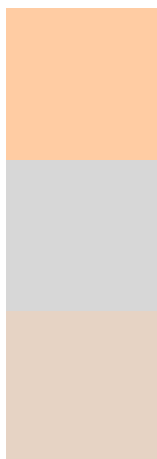
Deuteranomaly

67.1896, 0.3828, 0.3730

Tritanomaly

66.9734, 0.3604, 0.3353

Monochromacy



Original Color

67.0901, 0.3848, 0.3717

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3970, 0.3378, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0901, 0.3848, 0.3717 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(255, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 163)  
}
```

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(255, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 163) }
```

Border

The CSS property to change the border of an element to Yxy 67.0901, 0.3848, 0.3717 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(255, 204, 163) }
```

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

```
.border{ border-color:rgb(255, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 204, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 204, 163); box-shadow:4px 4px 4px 4px rgb(255, 204, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0901, 0.3848, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 163) }
```

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

```
.background{ background-color: rgb(255,  
204, 163) }
```

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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