

Converting Colors

Yxy(67.9484, 0.3763, 0.3620)

Have a look what the booklet for
Yxy(67.9484, 0.3763, 0.3620)
contains.

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Color

Yxy(67.9398, 0.3766, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDAD
RGB	255, 205, 173
RGB Percent	100%, 80%, 68%
CMY	0.0002, 0.1960, 0.3215
CMYK	0.00, 0.20, 0.32, 0.00
HSL	23°, 100%, 84%
HSV	23°, 32%, 100%
XYZ	70.6019, 67.9398, 48.9302
YIQ	216.3020, 40.0720, 0.6480

Conversions

Conversions Part 2

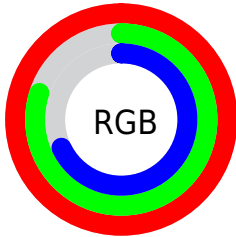
Format	Color
R_{YB}	255, 225, 173
Decimal	16764333
CIE Lab	85.98, 13.27, 22.63
CIE LCh	86, 26.234, 59.611
Yxy	67.9398, 0.3766, 0.3624
Android (android.graphics.Color)	4294954413 (0xFFFFCDAD)
YUV	216.3020, -21.3479, 33.9381
Hunter-Lab	82.4256, 8.6499, 22.5017

Details

The Yxy color **67.9398, 0.3766, 0.3624** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.8431, 0.2622, 0.2928**, and the grayscale version is **69.0139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **35.3840, 0.3916, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **59.9805, 0.4032, 0.3730**, and if you desaturate by 10%, it is **76.8317, 0.3533, 0.3516**.

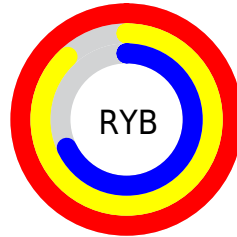
Distribution



Red (100%)

Green (80%)

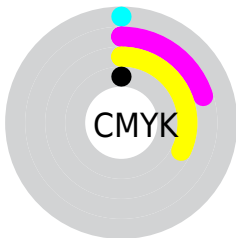
Blue (68%)



Red (100%)

Yellow (88%)

Blue (68%)

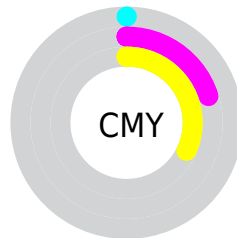


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9398, 0.3766, 0.3624 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 67.9398, 0.3766, 0.3624 by changing the saturation by 10% instead.


 67.9398, 0.3766,
0.3624

 67.9398, 0.3766,
0.3624


453.2827, 0.3465,
0.3475

 49.8488, 0.3836,
0.3656


 116.2660, 0.3661,
0.3574

 35.2932, 0.3922,
0.3694


147.2700, 0.3620,
0.3554

 23.8889, 0.4032,
0.3741


183.3471, 0.3585,
0.3537

 15.2512, 0.4176,
0.3799

224.8816, 0.3555,
0.3521

 8.9959, 0.4371,
0.3870

272.2581, 0.3528,
0.3508

 4.7385, 0.4648,
0.3954

325.8608, 0.3504,

 2.0947, 0.5183,

0.3496

0.4138

386.0742, 0.3483,
0.3485

0.6616, 0.5914,
0.4086

0.0000, 0.0000,
0.0000

67.9398, 0.3766,
0.3624

67.9398, 0.3766,
0.3624

59.9805, 0.4032,
0.3730

76.8317, 0.3533,
0.3516

52.9121, 0.4330,
0.3827

86.6771, 0.3332,
0.3410

46.7035, 0.4652,
0.3904

97.5080, 0.3161,
0.3311

41.3179, 0.4984,
0.3947

99.9913, 0.3127,
0.3290

■ 36.7153, 0.5301,
0.3944

■ 32.8506, 0.5577,
0.3888

■ 30.2917, 0.5756,
0.3812

Harmonies

Analogous

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



67.9398, 0.3723, 0.3365



67.9398, 0.3766, 0.3624



67.9398, 0.3629, 0.3814

Triad

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



67.9398, 0.3766, 0.3624



67.9398, 0.2748, 0.3477



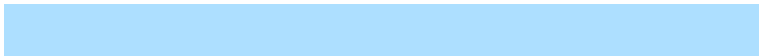
67.9398, 0.2875, 0.2772

Complementary

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



67.9398, 0.3766, 0.3624



68.8431, 0.2622, 0.2928

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.



67.9398, 0.2636, 0.2776



67.9398, 0.3766, 0.3624



67.9398, 0.2565, 0.3167

Square

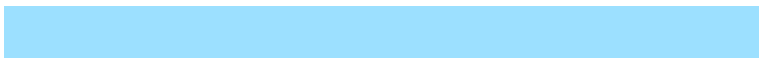
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9398, 0.3766, 0.3624



67.9398, 0.3036, 0.3743



67.9398, 0.2526, 0.2913



67.9398, 0.3194, 0.2891

Rectangle

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



67.9398, 0.3766, 0.3624



67.9398, 0.3459, 0.3867



67.9398, 0.2526, 0.2913



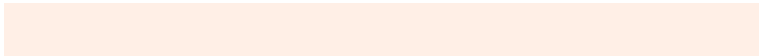
67.9398, 0.2783, 0.2759

Sweetspot

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



67.9430, 0.3766, 0.3624



88.9497, 0.3293, 0.3388



56.4978, 0.3418, 0.2776



18.7236, 0.3319, 0.3403



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.



67.9430, 0.3766, 0.3624



62.4098, 0.3945, 0.3698



89.8117, 0.3641, 0.4011



19.1510, 0.3285, 0.3383



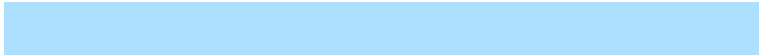
16.1036, 0.5727, 0.3835



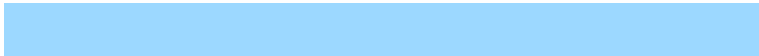
1.7730, 0.5516, 0.4002

Inverse Universe

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



68.8431, 0.2622, 0.2928



63.4284, 0.2517, 0.2837



49.7906, 0.2563, 0.2449



19.2200, 0.2979, 0.3195



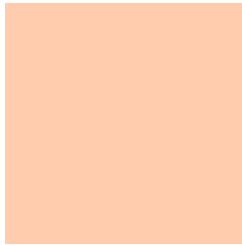
16.3850, 0.1876, 0.1953



1.8080, 0.1923, 0.2121

Previews

White Background



This preview shows how the Yxy color 67.9398, 0.3766, 0.3624 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 67.9398, 0.3766, 0.3624 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 67.9398, 0.3766, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 67.9398, 0.3766, 0.3624.



This preview shows how white text looks on a background with the Yxy color 67.9398, 0.3766, 0.3624.

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

67.9398, 0.3766, 0.3624

Protanopia

68.3092, 0.3486, 0.3701

Deuteranopia

68.1520, 0.3728, 0.3648



Tritanopia

67.9396, 0.3447, 0.3148

Trichromacy



Original Color

67.9398, 0.3766, 0.3624

Protanomaly

67.9003, 0.3589, 0.3671

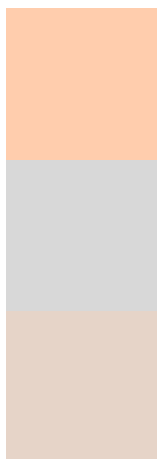
Deuteranomaly

67.8552, 0.3739, 0.3637

Tritanomaly

67.6712, 0.3562, 0.3312

Monochromacy



Original Color

67.9398, 0.3766, 0.3624

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0801, 0.3348, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9398, 0.3766, 0.3624 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, 205, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 173)  
}
```

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, 205, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 173) }
```

Border

The CSS property to change the border of an element to Yxy 67.9398, 0.3766, 0.3624 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, 205, 173) }
```

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

```
.border{ border-color:rgb(255, 205, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 173); box-shadow:4px 4px 4px 4px rgb(255, 205, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9398, 0.3766, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 173) }
```

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

```
.background{ background-color: rgb(255,  
205, 173) }
```

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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