

Converting Colors

$Yxy(67.8249, 0.3790, 0.3655)$

Have a look what the booklet for
Yxy(67.8249, 0.3790, 0.3655)
contains.

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Color

Yxy(67.8249, 0.3790, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA4
RGB	255, 205, 170
RGB Percent	100%, 80%, 67%
CMY	0.0000, 0.1961, 0.3333
CMYK	0.00, 0.20, 0.33, 0.00
HSL	25°, 100%, 83%
HSV	25°, 33%, 100%
XYZ	70.3301, 67.8249, 47.4125
YIQ	215.9600, 41.0350, -0.2850

Conversions

Conversions Part 2

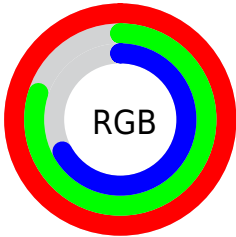
Format	Color
R _{YB}	255, 230, 170
Decimal	16764330
CIE _{Lab}	85.92, 12.94, 24.13
CIE _{LCh}	86, 27.380, 61.804
Yxy	67.8249, 0.3790, 0.3655
Android (android.graphics.Color)	4294954410 (0xFFFFCDAA)
YUV	215.9600, -22.6583, 34.2381
Hunter-Lab	82.3559, 8.3122, 23.5157

Details

The Yxy color **67.8249, 0.3790, 0.3655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.9495, 0.2601, 0.2892**, and the grayscale version is **68.7766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **35.3115, 0.3947, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **60.1170, 0.4055, 0.3766**, and if you desaturate by 10%, it is **76.4094, 0.3556, 0.3541**.

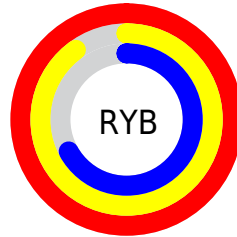
Distribution



Red (100%)

Green (80%)

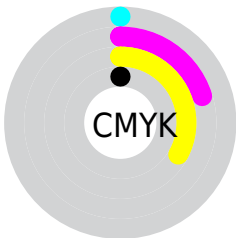
Blue (67%)



Red (100%)

Yellow (90%)

Blue (67%)

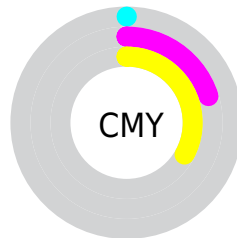


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8249, 0.3790, 0.3655 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 67.8249, 0.3790, 0.3655 by changing the saturation by 10% instead.


 67.8249, 0.3790,
0.3655

 67.8249, 0.3790,
0.3655


452.8754, 0.3478,
0.3492

 49.7553, 0.3862,
0.3690


 116.1016, 0.3681,
0.3600

 35.2190, 0.3952,
0.3732


147.0775, 0.3639,
0.3578

 23.8316, 0.4065,
0.3783


183.1243, 0.3602,
0.3559

 15.2088, 0.4213,
0.3846

224.6264, 0.3571,
0.3543

 8.9660, 0.4413,
0.3923

271.9681, 0.3543,
0.3528

 4.7190, 0.4694,
0.4014

325.5339, 0.3519,

 2.0834, 0.5283,

0.3515

0.4245

385.7082, 0.3497,
0.3503

0.6552, 0.5899,
0.4101

0.0000, 0.0000,
0.0000

67.8249, 0.3790,
0.3655

67.8249, 0.3790,
0.3655

60.1170, 0.4055,
0.3766

76.4094, 0.3556,
0.3541

53.2533, 0.4349,
0.3867

85.8967, 0.3354,
0.3430

47.2025, 0.4664,
0.3945

96.3146, 0.3180,
0.3324

41.9300, 0.4985,
0.3988

100.0000, 0.3127,
0.3290

■ 37.3980, 0.5288,
0.3983

■ 33.5639, 0.5550,
0.3924

■ 31.3654, 0.5696,
0.3859

Harmonies

Analogous

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



67.8249, 0.3759, 0.3388



67.8249, 0.3790, 0.3655



67.8249, 0.3634, 0.3846

Triad

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



67.8249, 0.3790, 0.3655



67.8249, 0.2713, 0.3462



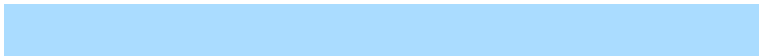
67.8249, 0.2886, 0.2756

Complementary

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



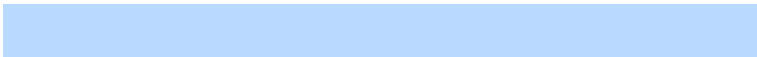
67.8249, 0.3790, 0.3655



66.9495, 0.2601, 0.2892

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.



67.8249, 0.2629, 0.2750



67.8249, 0.3790, 0.3655



67.8249, 0.2533, 0.3138

Square

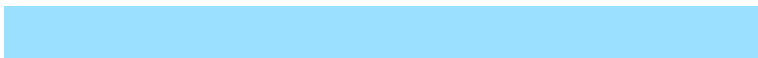
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8249, 0.3790, 0.3655



67.8249, 0.3007, 0.3748



67.8249, 0.2504, 0.2881



67.8249, 0.3222, 0.2887

Rectangle

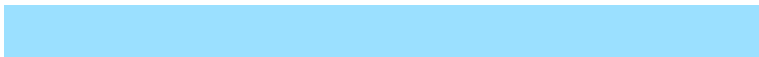
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8249, 0.3790, 0.3655



67.8249, 0.3451, 0.3895



67.8249, 0.2504, 0.2881



67.8249, 0.2788, 0.2739

Sweetspot

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



67.8257, 0.3790, 0.3655



89.2659, 0.3293, 0.3394



55.2286, 0.3445, 0.2771



18.7999, 0.3318, 0.3409



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.



67.8257, 0.3790, 0.3655



62.5921, 0.3963, 0.3730



90.3781, 0.3657, 0.4050



19.2156, 0.3284, 0.3388



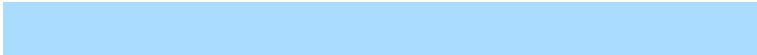
16.6660, 0.5667, 0.3882



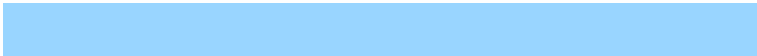
1.8317, 0.5462, 0.4045

Inverse Universe

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



66.9495, 0.2601, 0.2892



61.5786, 0.2497, 0.2797



47.8047, 0.2537, 0.2395



19.1537, 0.2979, 0.3190



15.4697, 0.1855, 0.1878



1.7216, 0.1904, 0.2055

Previews

White Background



This preview shows how the Yxy color 67.8249, 0.3790, 0.3655 looks on a white background.

Color Contrast Check

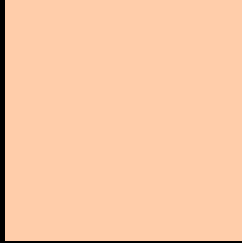
Large Text (above 18pt) WCAG AA × Fail

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 67.8249, 0.3790, 0.3655 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 67.8249, 0.3790, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 67.8249, 0.3790, 0.3655.

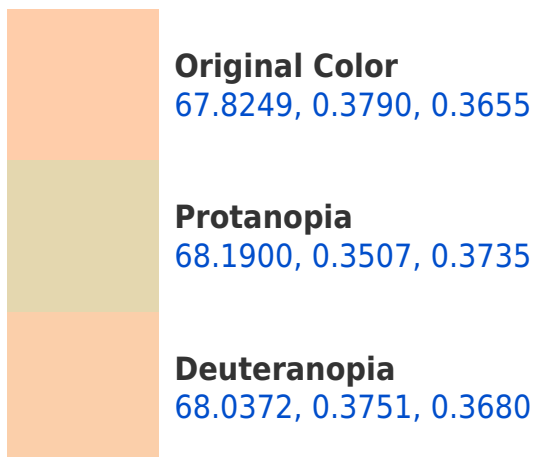


This preview shows how white text looks on a background with the Yxy color 67.8249, 0.3790, 0.3655.

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





Tritanopia

67.8883, 0.3455, 0.3158

Trichromacy



Original Color

67.8249, 0.3790, 0.3655

Protanomaly

67.7828, 0.3612, 0.3704

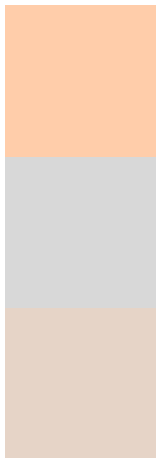
Deuteranomaly

67.7403, 0.3762, 0.3668

Tritanomaly

67.5783, 0.3578, 0.3333

Monochromacy



Original Color

67.8249, 0.3790, 0.3655

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0335, 0.3355, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8249, 0.3790, 0.3655 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 170) }
```

Border

The CSS property to change the border of an element to Yxy 67.8249, 0.3790, 0.3655 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, 170) }
```

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

```
.border{ border-color:rgb(255, 205, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8249, 0.3790, 0.3655 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
205, 170) }
```

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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