

Converting Colors

$Yxy(68.6936, 0.3889, 0.3686)$

Have a look what the booklet for
Yxy(68.6936, 0.3889, 0.3686)
contains.

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Color

Yxy(67.1623, 0.3832, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCA5
RGB	255, 204, 165
RGB Percent	100%, 80%, 65%
CMY	0.0001, 0.1999, 0.3529
CMYK	0.00, 0.20, 0.35, 0.00
HSL	26°, 100%, 82%
HSV	26°, 35%, 100%
XYZ	69.6148, 67.1623, 44.8899
YIQ	214.8030, 42.9150, -1.3170

Conversions

Conversions Part 2

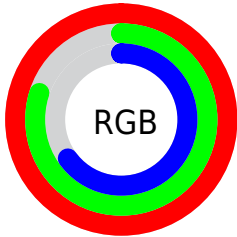
Format	Color
R _Y B	255, 234, 165
Decimal	16764069
CIE Lab	85.59, 12.83, 26.29
CIE LCh	86, 29.259, 63.984
Yxy	67.1623, 0.3832, 0.3697
Android (android.graphics.Color)	4294954149 (0xFFFFCCA5)
YUV	214.8030, -24.5529, 35.2528
Hunter-Lab	81.9526, 8.2101, 24.8905

Details

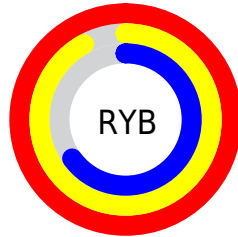
The Yxy color **67.1623, 0.3832, 0.3697** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.2997, 0.2567, 0.2841**, and the grayscale version is **67.9624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **34.8753, 0.4004, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **59.7786, 0.4098, 0.3812**, and if you desaturate by 10%, it is **75.3736, 0.3596, 0.3577**.

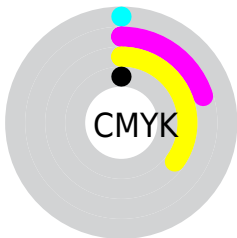
Distribution



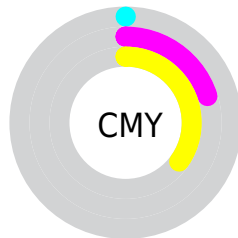
- Red (100%)
- Green (80%)
- Blue (65%)



- Red (100%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1623, 0.3832, 0.3697 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 67.1623, 0.3832, 0.3697 by changing the saturation by 10% instead.


 67.1623, 0.3832,
0.3697


 67.1623, 0.3832,
0.3697


450.5223, 0.3500,
0.3516

 49.2165, 0.3909,
0.3736

 115.1529, 0.3716,
0.3636

 34.7913, 0.4003,
0.3783


 145.9666, 0.3671,
0.3612

 23.5021, 0.4124,
0.3839


181.8384, 0.3632,
0.3590

 14.9647, 0.4280,
0.3908

223.1526, 0.3599,
0.3572

 8.7946, 0.4490,
0.3992

270.2937, 0.3569,
0.3555

 4.6075, 0.4781,
0.4088


323.6461, 0.3544,


 2.0188, 0.5497,


0.3541


0.4414

383.5941, 0.3520,
0.3527

 0.6184, 0.5934,
0.4066


 0.0000, 0.0000,
0.0000


 67.1623, 0.3832,
0.3697

 67.1623, 0.3832,
0.3697

 59.7786, 0.4098,
0.3812


 75.3736, 0.3596,
0.3577

 53.1848, 0.4389,
0.3915

 84.4299, 0.3390,
0.3459

 47.3540, 0.4697,
0.3993

 94.3594, 0.3211,
0.3347

 42.2534, 0.5005,
0.4032

99.9936, 0.3127,
0.3290

■ 37.8472, 0.5291,
0.4021

■ 34.0946, 0.5533,
0.3955

■ 32.5327, 0.5632,
0.3910

Harmonies

Analogous

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



67.1623, 0.3815, 0.3414



67.1623, 0.3832, 0.3697



67.1623, 0.3651, 0.3895

Triad

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



67.1623, 0.3832, 0.3697



67.1623, 0.2665, 0.3448



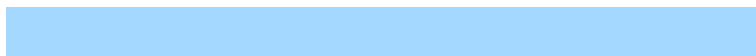
67.1623, 0.2893, 0.2726

Complementary

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



67.1623, 0.3832, 0.3697



64.2997, 0.2567, 0.2841

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.



67.1623, 0.2610, 0.2708



67.1623, 0.3832, 0.3697



67.1623, 0.2484, 0.3101

Square

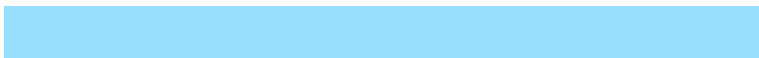
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1623, 0.3832, 0.3697



67.1623, 0.2972, 0.3765



67.1623, 0.2466, 0.2836



67.1623, 0.3255, 0.2875

Rectangle

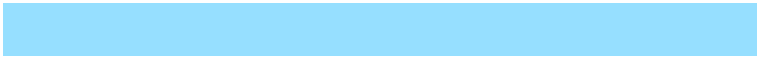
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1623, 0.3832, 0.3697



67.1623, 0.3449, 0.3941



67.1623, 0.2466, 0.2836



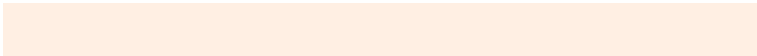
67.1623, 0.2786, 0.2705

Sweetspot

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



67.1655, 0.3832, 0.3697



88.6044, 0.3310, 0.3410



53.1198, 0.3496, 0.2769



18.6803, 0.3335, 0.3426



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.



67.1655, 0.3832, 0.3697



62.1359, 0.4007, 0.3775



91.7018, 0.3679, 0.4120



19.2830, 0.3283, 0.3393



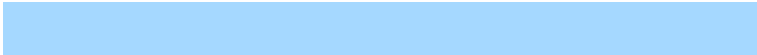
17.2880, 0.5604, 0.3932



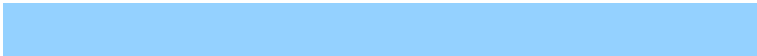
1.8957, 0.5405, 0.4090

Inverse Universe

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



64.2997, 0.2567, 0.2841



58.8855, 0.2462, 0.2739



44.3411, 0.2493, 0.2297



19.0850, 0.2979, 0.3184



14.5607, 0.1834, 0.1801



1.6351, 0.1885, 0.1986

Previews

White Background



This preview shows how the Yxy color 67.1623, 0.3832, 0.3697 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 67.1623, 0.3832, 0.3697 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 67.1623, 0.3832, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 67.1623, 0.3832, 0.3697.



This preview shows how white text looks on a background with the Yxy color 67.1623, 0.3832, 0.3697.

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

67.1623, 0.3832, 0.3697

Protanopia

67.4894, 0.3546, 0.3781

Deuteranopia

66.8885, 0.3796, 0.3712



Tritanopia

67.3726, 0.3464, 0.3158

Trichromacy



Original Color

67.1623, 0.3832, 0.3697

Protanomaly

67.0975, 0.3652, 0.3748

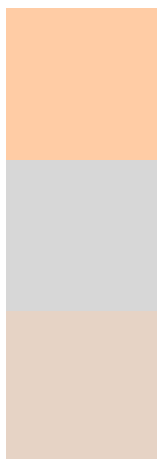
Deuteranomaly

67.0747, 0.3804, 0.3711

Tritanomaly

67.0188, 0.3596, 0.3343

Monochromacy



Original Color

67.1623, 0.3832, 0.3697

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4427, 0.3371, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1623, 0.3832, 0.3697 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 165) }
```

Border

The CSS property to change the border of an element to Yxy 67.1623, 0.3832, 0.3697 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, 165) }
```

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

```
.border{ border-color:rgb(255, 204, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1623, 0.3832, 0.3697 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
204, 165) }
```

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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