

Converting Colors

$Yxy(66.4898, 0.3831, 0.3732)$

Have a look what the booklet for
Yxy(66.4898, 0.3831, 0.3732)
contains.

Yxy(66.4898, 0.3831, 0.3732)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.4898, 0.3831, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	FCCCA2
RGB	252, 204, 162
RGB Percent	99%, 80%, 64%
CMY	0.0118, 0.1999, 0.3647
CMYK	0.00, 0.19, 0.36, 0.01
HSL	28°, 94%, 81%
HSV	28°, 36%, 99%
XYZ	68.2536, 66.4898, 43.4179
YIQ	213.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

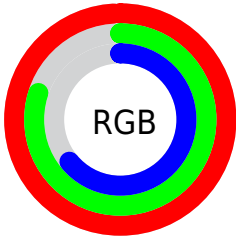
Format	Color
R _Y B	252, 241, 162
Decimal	16567458
CIE Lab	85.25, 11.34, 27.35
CIE LCh	85, 29.612, 67.477
Yxy	66.4898, 0.3831, 0.3732
Android (android.graphics.Color)	4294757538 (0xFFFC ^{CA} 2)
YUV	213.5640, -25.4211, 33.7084
Hunter-Lab	81.5413, 6.7150, 25.5090

Details

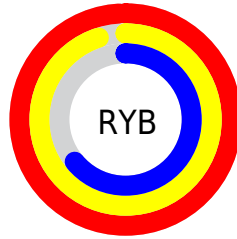
The Yxy color **66.4898, 0.3831, 0.3732** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.7839, 0.2556, 0.2799**, and the grayscale version is **67.0904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **34.4078, 0.4002, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **59.5719, 0.4089, 0.3855**, and if you desaturate by 10%, it is **74.1442, 0.3600, 0.3604**.

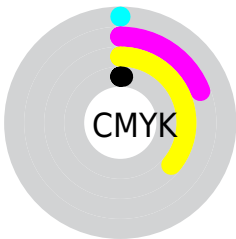
Distribution



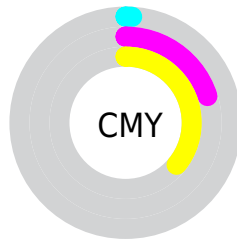
- Red (99%)
- Green (80%)
- Blue (64%)



- Red (99%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4898, 0.3831, 0.3732 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 66.4898, 0.3831, 0.3732 by changing the saturation by 10% instead.


 66.4898, 0.3831,
0.3732

 66.4898, 0.3831,
0.3732


448.1265, 0.3499,
0.3534

 48.6701, 0.3907,
0.3775


 114.1890, 0.3715,
0.3665

 34.3579, 0.4002,
0.3827


 144.8374, 0.3670,
0.3638

 23.1687, 0.4122,
0.3889


180.5308, 0.3632,
0.3615

 14.7181, 0.4277,
0.3966

221.6535, 0.3598,
0.3595

 8.6218, 0.4485,
0.4060

268.5901, 0.3569,
0.3577

 4.4953, 0.4772,
0.4170

321.7248, 0.3543,

 1.9543, 0.5478,

0.3561

0.4522

381.4422, 0.3520,
0.3547

0.5807, 0.5880,
0.4120

0.0000, 0.0000,
0.0000

66.4898, 0.3831,
0.3732

66.4898, 0.3831,
0.3732

59.5719, 0.4089,
0.3855

74.1442, 0.3600,
0.3604

53.3564, 0.4369,
0.3965

82.5490, 0.3396,
0.3477

47.8203, 0.4662,
0.4049

91.7293, 0.3218,
0.3356

42.9350, 0.4953,
0.4094

99.4316, 0.3109,
0.3290

■ 38.6690, 0.5221,
0.4088

■ 34.9863, 0.5448,
0.4027

■ 33.5683, 0.5534,
0.3988

Harmonies

Analogous

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



66.4898, 0.3839, 0.3451



66.4898, 0.3831, 0.3732



66.4898, 0.3626, 0.3918

Triad

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



66.4898, 0.3831, 0.3732



66.4898, 0.2629, 0.3409



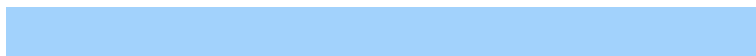
66.4898, 0.2929, 0.2730

Complementary

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



66.4898, 0.3831, 0.3732



60.7839, 0.2556, 0.2799

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.



66.4898, 0.2629, 0.2694



66.4898, 0.3831, 0.3732



66.4898, 0.2464, 0.3061

Square

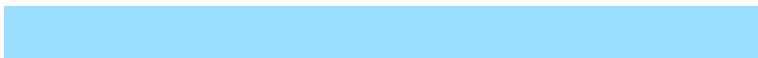
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4898, 0.3831, 0.3732



66.4898, 0.2928, 0.3741



66.4898, 0.2465, 0.2806



66.4898, 0.3301, 0.2894

Rectangle

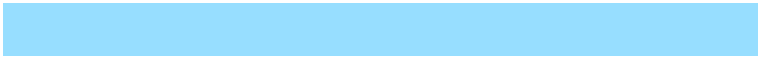
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4898, 0.3831, 0.3732



66.4898, 0.3413, 0.3950



66.4898, 0.2465, 0.2806



66.4898, 0.2817, 0.2702

Sweetspot

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



66.4929, 0.3831, 0.3732



89.1515, 0.3309, 0.3419



51.1847, 0.3529, 0.2792



18.8105, 0.3333, 0.3436



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.



66.4929, 0.3831, 0.3732



63.0435, 0.4017, 0.3823



91.0392, 0.3676, 0.4156



18.5614, 0.3282, 0.3401



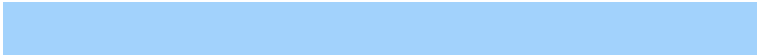
17.7782, 0.5506, 0.4010



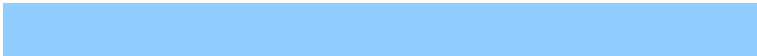
1.8566, 0.5309, 0.4166

Inverse Universe

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



60.7839, 0.2556, 0.2799



56.3624, 0.2439, 0.2678



41.6182, 0.2479, 0.2247



18.1752, 0.2980, 0.3176



12.8888, 0.1802, 0.1687



1.4060, 0.1859, 0.1893

Previews

White Background



This preview shows how the Yxy color 66.4898, 0.3831, 0.3732 looks on a white background.

Color Contrast Check

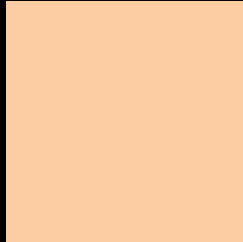
Large Text (above 18pt) WCAG AA × Fail

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 66.4898, 0.3831, 0.3732 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 66.4898, 0.3831, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 66.4898, 0.3831, 0.3732.



This preview shows how white text looks on a background with the Yxy color 66.4898, 0.3831, 0.3732.

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

66.4898, 0.3831, 0.3732

Protanopia

66.6726, 0.3570, 0.3817

Deuteranopia

66.7805, 0.3819, 0.3743



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.4898, 0.3831, 0.3732

Protanomaly

66.6427, 0.3658, 0.3784

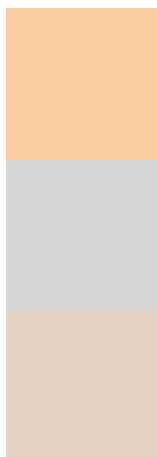
Deuteranomaly

66.7805, 0.3819, 0.3743

Tritanomaly

66.2744, 0.3606, 0.3354

Monochromacy



Original Color

66.4898, 0.3831, 0.3732

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5273, 0.3372, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4898, 0.3831, 0.3732 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(252, 204, 162)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 162)  
}
```

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(252, 204, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.4898, 0.3831, 0.3732 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(252, 204, 162) }
```

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

```
.border{ border-color:rgb(252, 204, 162) }
```

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

Here you see how a box with a 4 pixel rgb(252, 204, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 162);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4898, 0.3831, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 162) }
```

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

```
.background{ background-color: rgb(252,  
204, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor