

Converting Colors

$Yxy(67.8578, 0.3832, 0.3739)$

Have a look what the booklet for
Yxy(67.8578, 0.3832, 0.3739)
contains.

Yxy(67.8578, 0.3832, 0.3739)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.8578, 0.3832, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	FECEA3
RGB	254, 206, 163
RGB Percent	100%, 81%, 64%
CMY	0.0041, 0.1921, 0.3608
CMYK	0.00, 0.19, 0.36, 0.00
HSL	28°, 98%, 82%
HSV	28°, 36%, 100%
XYZ	69.5456, 67.8578, 44.0831
YIQ	215.4500, 42.4110, -3.1970

Conversions

Conversions Part 2

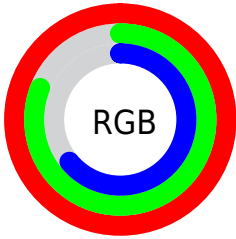
Format	Color
RYB	254, 245, 163
Decimal	16699043
CIELab	85.94, 11.18, 27.79
CIELCh	86, 29.958, 68.091
Yxy	67.8578, 0.3832, 0.3739
Android (android.graphics.Color)	4294889123 (0xFFFECEA3)
YUV	215.4500, -25.8578, 33.8084
Hunter-Lab	82.3758, 6.5405, 25.9343

Details

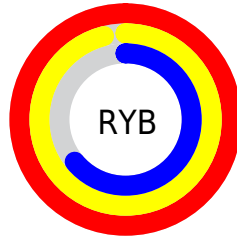
The Yxy color **67.8578, 0.3832, 0.3739** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.5023, 0.2553, 0.2790**, and the grayscale version is **68.4335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **35.3399, 0.4002, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **60.8662, 0.4089, 0.3864**, and if you desaturate by 10%, it is **75.5875, 0.3601, 0.3609**.

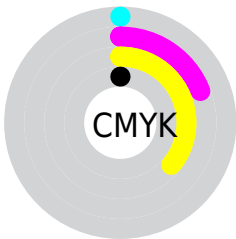
Distribution



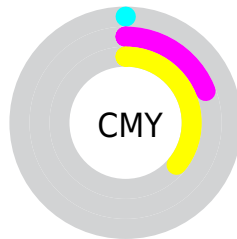
- Red (100%)
- Green (81%)
- Blue (64%)



- Red (100%)
- Yellow (96%)
- Blue (64%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8578, 0.3832, 0.3739 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 67.8578, 0.3832, 0.3739 by changing the saturation by 10% instead.


 67.8578, 0.3832,
0.3739


 67.8578, 0.3832,
0.3739


452.9920, 0.3501,
0.3538

 49.7821, 0.3908,
0.3782


 116.1487, 0.3717,
0.3671

 35.2403, 0.4002,
0.3834


 147.1326, 0.3672,
0.3644

 23.8480, 0.4120,
0.3898


183.1881, 0.3633,
0.3621

 15.2209, 0.4273,
0.3975

224.6995, 0.3600,
0.3600

 8.9746, 0.4477,
0.4070

272.0512, 0.3571,
0.3582

 4.7246, 0.4757,
0.4181

325.6275, 0.3545,

 2.0866, 0.5457,

0.3566

0.4543

385.8130, 0.3522,
0.3551

0.6571, 0.5776,
0.4224

0.0000, 0.0000,
0.0000

67.8578, 0.3832,
0.3739

67.8578, 0.3832,
0.3739

60.8662, 0.4089,
0.3864

75.5875, 0.3601,
0.3609

54.5786, 0.4367,
0.3975

84.0690, 0.3398,
0.3481

48.9717, 0.4658,
0.4060

93.3274, 0.3220,
0.3358

44.0171, 0.4945,
0.4106

99.8041, 0.3121,
0.3290

■ 39.6831, 0.5210,
0.4100

■ 35.9337, 0.5434,
0.4039

■ 34.5224, 0.5517,
0.4002

Harmonies

Analogous

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



67.8578, 0.3844, 0.3458



67.8578, 0.3832, 0.3739



67.8578, 0.3623, 0.3924

Triad

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



67.8578, 0.3832, 0.3739



67.8578, 0.2622, 0.3402



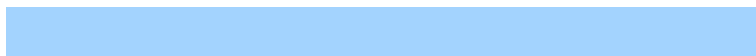
67.8578, 0.2935, 0.2729

Complementary

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



67.8578, 0.3832, 0.3739



61.5023, 0.2553, 0.2790

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.



67.8578, 0.2632, 0.2691



67.8578, 0.3832, 0.3739



67.8578, 0.2459, 0.3053

Square

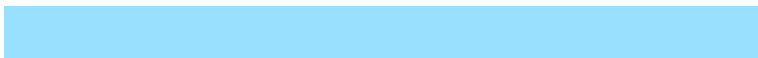
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8578, 0.3832, 0.3739



67.8578, 0.2920, 0.3738



67.8578, 0.2464, 0.2800



67.8578, 0.3309, 0.2896

Rectangle

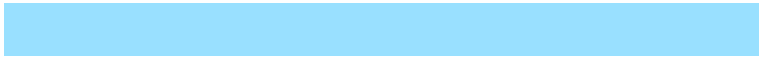
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8578, 0.3832, 0.3739



67.8578, 0.3407, 0.3953



67.8578, 0.2464, 0.2800



67.8578, 0.2822, 0.2701

Sweetspot

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



67.8610, 0.3832, 0.3739



89.2504, 0.3309, 0.3421



51.9885, 0.3531, 0.2791



18.8340, 0.3333, 0.3438



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.



67.8610, 0.3832, 0.3739



63.3412, 0.4014, 0.3830



92.6607, 0.3678, 0.4158



19.4038, 0.3282, 0.3403



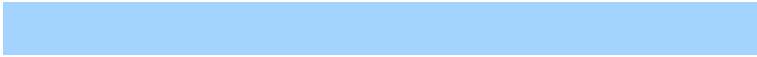
18.4966, 0.5490, 0.4023



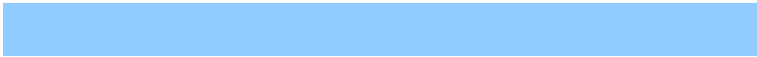
2.0177, 0.5304, 0.4170

Inverse Universe

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



61.5023, 0.2553, 0.2790



56.0516, 0.2438, 0.2670



42.2253, 0.2477, 0.2243



18.9626, 0.2979, 0.3175



13.0419, 0.1796, 0.1665



1.4887, 0.1851, 0.1863

Previews

White Background



This preview shows how the Yxy color 67.8578, 0.3832, 0.3739 looks on a white background.

Color Contrast Check

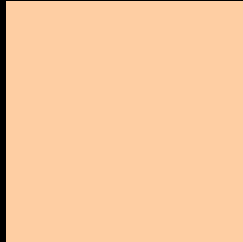
Large Text (above 18pt) WCAG AA × Fail

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 67.8578, 0.3832, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

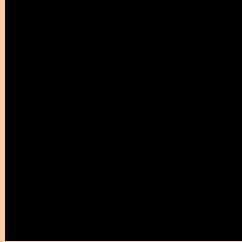
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8578, 0.3832, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 67.8578, 0.3832, 0.3739.



This preview shows how white text looks on a background with the Yxy color 67.8578, 0.3832, 0.3739.

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

67.8578, 0.3832, 0.3739

Protanomaly

68.0173, 0.3660, 0.3790

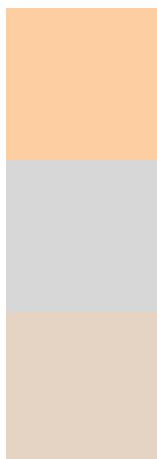
Deuteranomaly

67.6696, 0.3824, 0.3740

Tritanomaly

67.9120, 0.3599, 0.3374

Monochromacy



Original Color

67.8578, 0.3832, 0.3739

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7305, 0.3369, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8578, 0.3832, 0.3739 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(254, 206, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 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(254, 206, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 163) }
```

Border

The CSS property to change the border of an element to Yxy 67.8578, 0.3832, 0.3739 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(254, 206, 163) }
```

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

```
.border{ border-color:rgb(254, 206, 163) }
```

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

Here you see how a box with a 4 pixel rgb(254, 206, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8578, 0.3832, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 163) }
```

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

```
.background{ background-color: rgb(254,  
206, 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](#).

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