

Converting Colors

$Yxy(60.8657, 0.4072, 0.3989)$

Have a look what the booklet for
Yxy(60.8657, 0.4072, 0.3989)
contains.

Yxy(60.8657, 0.4072, 0.3989)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8657, 0.4072, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	F7C482
RGB	247, 196, 130
RGB Percent	97%, 77%, 51%
CMY	0.0313, 0.2314, 0.4903
CMYK	0.00, 0.21, 0.47, 0.03
HSL	34°, 88%, 74%
HSV	34°, 47%, 97%
XYZ	62.1321, 60.8657, 29.5860
YIQ	203.7250, 51.5820, -9.7140

Conversions

Conversions Part 2

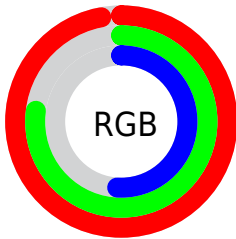
Format	Color
R _Y B	220, 247, 130
Decimal	16237698
CIE Lab	82.31, 10.20, 39.95
CIE LCh	82, 41.236, 75.672
Yxy	60.8657, 0.4072, 0.3989
Android (android.graphics.Color)	4294427778 (0xFF7C482)
YUV	203.7250, -36.3464, 37.9522
Hunter-Lab	78.0165, 5.6282, 32.1271

Details

The Yxy color **60.8657, 0.4072, 0.3989** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5126, 0.2344, 0.2454**, and the grayscale version is **60.4120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9713, 0.3554, 0.3971**, and **30.6019, 0.4297, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **55.5978, 0.4320, 0.4118**, and if you desaturate by 10%, it is **66.6474, 0.3836, 0.3844**.

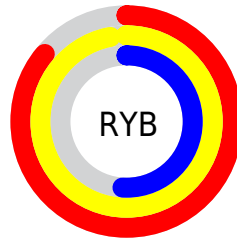
Distribution



Red (97%)

Green (77%)

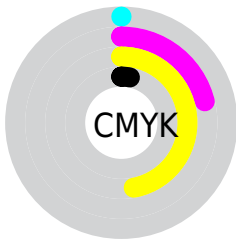
Blue (51%)



Red (86%)

Yellow (97%)

Blue (51%)

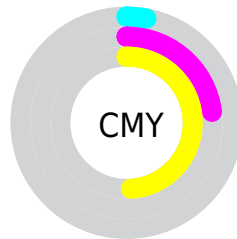


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (3%)



Cyan (3%)


Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8657, 0.4072, 0.3989 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 60.8657, 0.4072, 0.3989 by changing the saturation by 10% instead.

 60.8657, 0.4072,
0.3989


 60.8657, 0.4072,
0.3989


427.7814, 0.3626,
0.3675


 44.1168, 0.4173,
0.4055


 106.0845, 0.3917,
0.3884

 30.7623, 0.4296,
0.4133


 135.3231, 0.3857,
0.3842

 20.4179, 0.4448,
0.4225


 169.4938, 0.3805,
0.3805

 12.6992, 0.4638,
0.4330

208.9809, 0.3760,
0.3773

 7.2218, 0.4875,
0.4443

254.1688, 0.3721,
0.3744

 3.6012, 0.5322,
0.4678

305.4419, 0.3685,

 1.4531, 0.5474,

0.3718

0.4526

363.1847, 0.3654,
0.3696

0.2553, 0.6582,
0.3418

0.0000, 0.0000,
0.0000

60.8657, 0.4072,
0.3989

60.8657, 0.4072,
0.3989

55.5978, 0.4320,
0.4118

66.6474, 0.3836,
0.3844

50.8161, 0.4570,
0.4218

72.9516, 0.3618,
0.3692

46.5028, 0.4809,
0.4276

79.7977, 0.3420,
0.3540

42.6347, 0.5023,
0.4284

87.2011, 0.3244,
0.3393

■ 39.1836, 0.5200,
0.4236

■ 95.1766, 0.3088,
0.3255

■ 38.3393, 0.5243,
0.4219

■ 98.5184, 0.3078,
0.3290

Harmonies

Analogous

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



60.8657, 0.4178, 0.3608



60.8657, 0.4072, 0.3989



60.8657, 0.3708, 0.4226

Triad

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



60.8657, 0.4072, 0.3989



60.8657, 0.2339, 0.3305



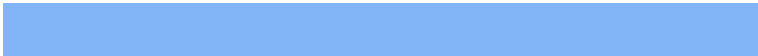
60.8657, 0.2977, 0.2560

Complementary

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



60.8657, 0.4072, 0.3989



44.5126, 0.2344, 0.2454

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.



60.8657, 0.2521, 0.2454



60.8657, 0.4072, 0.3989



60.8657, 0.2179, 0.2832

Square

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



60.8657, 0.4072, 0.3989



60.8657, 0.2706, 0.3832



60.8657, 0.2243, 0.2539



60.8657, 0.3515, 0.2822

Rectangle

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



60.8657, 0.4072, 0.3989



60.8657, 0.3380, 0.4237



60.8657, 0.2243, 0.2539



60.8657, 0.2810, 0.2505

Sweetspot

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



60.8686, 0.4072, 0.3989



88.3789, 0.3359, 0.3490



39.1436, 0.3829, 0.2732



18.5562, 0.3398, 0.3522



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.



60.8686, 0.4072, 0.3989



59.9162, 0.4313, 0.4114



86.8780, 0.3785, 0.4467



18.0336, 0.3279, 0.3423



20.5601, 0.5221, 0.4237



2.0113, 0.5057, 0.4367

Inverse Universe

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



44.5126, 0.2344, 0.2454



40.4065, 0.2187, 0.2243



27.8981, 0.2261, 0.1807



17.1153, 0.2980, 0.3153



9.4595, 0.1714, 0.1370



1.0320, 0.1781, 0.1612

Previews

White Background



This preview shows how the Yxy color 60.8657, 0.4072, 0.3989 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 60.8657, 0.4072, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

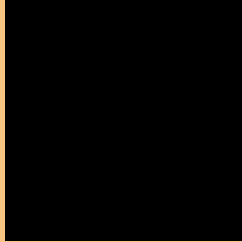
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8657, 0.4072, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 60.8657, 0.4072, 0.3989.



This preview shows how white text looks on a background with the Yxy color 60.8657, 0.4072, 0.3989.

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

60.8657, 0.4072, 0.3989

Protanopia

61.0718, 0.3796, 0.4099

Deuteranopia

60.8657, 0.4072, 0.3989



Tritanopia

60.8285, 0.3578, 0.3146

Trichromacy



Original Color

60.8657, 0.4072, 0.3989

Protanomaly

61.0903, 0.3893, 0.4056

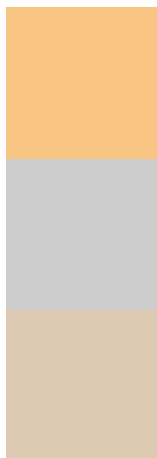
Deuteranomaly

60.8657, 0.4072, 0.3989

Tritanomaly

60.4313, 0.3765, 0.3451

Monochromacy



Original Color

60.8657, 0.4072, 0.3989

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1633, 0.3459, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8657, 0.4072, 0.3989 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(247, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(247, 196, 130)  
}
```

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(247, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 196, 130) }
```

Border

The CSS property to change the border of an element to Yxy 60.8657, 0.4072, 0.3989 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(247, 196, 130) }
```

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

```
.border{ border-color:rgb(247, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(247, 196,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8657, 0.4072, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 196, 130) }
```

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

```
.background{ background-color: rgb(247,  
196, 130) }
```

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