

Converting Colors

$Yxy(60.8043, 0.4034, 0.3996)$

Have a look what the booklet for
Yxy(60.8043, 0.4034, 0.3996)
contains.

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Color

Yxy(60.8043, 0.4034, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	F4C583
RGB	244, 197, 131
RGB Percent	96%, 77%, 51%
CMY	0.0430, 0.2275, 0.4862
CMYK	0.00, 0.19, 0.46, 0.04
HSL	35°, 84%, 74%
HSV	35°, 46%, 96%
XYZ	61.3825, 60.8043, 29.9761
YIQ	203.5290, 49.1980, -10.5620

Conversions

Conversions Part 2

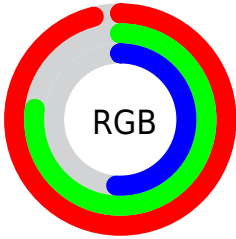
Format	Color
R_{YB}	211, 244, 131
Decimal	16041347
CIE _{Lab}	82.27, 8.60, 39.33
CIE _{LCh}	82, 40.258, 77.672
Yxy	60.8043, 0.4034, 0.3996
Android (android.graphics.Color)	4294231427 (0xFFFF4C583)
YUV	203.5290, -35.7568, 35.4931
Hunter-Lab	77.9771, 4.0528, 31.7916

Details

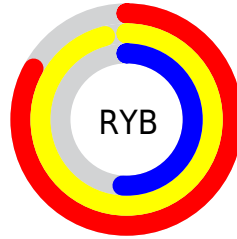
The Yxy color **60.8043, 0.4034, 0.3996** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.2254, 0.2357, 0.2447**, and the grayscale version is **60.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6464, 0.3546, 0.3970**, and **30.6632, 0.4258, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **55.7626, 0.4274, 0.4131**, and if you desaturate by 10%, it is **66.3185, 0.3805, 0.3845**.

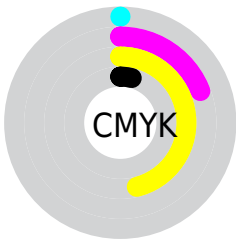
Distribution



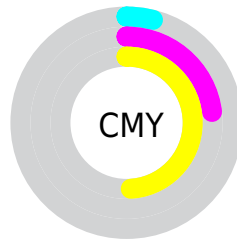
- Red (96%)
- Green (77%)
- Blue (51%)



- Red (83%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8043, 0.4034, 0.3996 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 60.8043, 0.4034, 0.3996 by changing the saturation by 10% instead.

 60.8043, 0.4034,
0.3996


 60.8043, 0.4034,
0.3996


427.5561, 0.3606,
0.3676

 44.0672, 0.4131,
0.4064

 105.9955, 0.3886,
0.3888

 30.7234, 0.4249,
0.4145


 135.2185, 0.3828,
0.3845

 20.3883, 0.4395,
0.4241


 169.3722, 0.3778,
0.3808

 12.6776, 0.4578,
0.4354

208.8411, 0.3735,
0.3775

 7.2069, 0.4806,
0.4478

254.0095, 0.3697,
0.3746

 3.5918, 0.5254,
0.4746

305.2619, 0.3663,

 1.4480, 0.5383,

0.3720

0.4617

362.9826, 0.3633,
0.3697

0.2517, 0.6408,
0.3592

0.0000, 0.0000,
0.0000

60.8043, 0.4034,
0.3996

60.8043, 0.4034,
0.3996

55.7626, 0.4274,
0.4131

66.3185, 0.3805,
0.3845

51.1676, 0.4516,
0.4239

72.3126, 0.3592,
0.3688

47.0033, 0.4748,
0.4307

78.8042, 0.3399,
0.3532

43.2486, 0.4955,
0.4325

85.8076, 0.3226,
0.3381

■ 39.8783, 0.5127,
0.4288

■ 93.3361, 0.3073,
0.3239

■ 38.7220, 0.5184,
0.4266

■ 97.9807, 0.3060,
0.3290

Harmonies

Analogous

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



60.8043, 0.4156, 0.3630



60.8043, 0.4034, 0.3996



60.8043, 0.3666, 0.4211

Triad

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



60.8043, 0.4034, 0.3996



60.8043, 0.2339, 0.3271



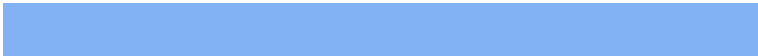
60.8043, 0.3015, 0.2587

Complementary

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



60.8043, 0.4034, 0.3996



43.2254, 0.2357, 0.2447

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.



60.8043, 0.2560, 0.2473



60.8043, 0.4034, 0.3996



60.8043, 0.2196, 0.2818

Square

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



60.8043, 0.4034, 0.3996



60.8043, 0.2687, 0.3787



60.8043, 0.2274, 0.2544



60.8043, 0.3541, 0.2854

Rectangle

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



60.8043, 0.4034, 0.3996



60.8043, 0.3341, 0.4207



60.8043, 0.2274, 0.2544



60.8043, 0.2849, 0.2530

Sweetspot

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



60.8072, 0.4034, 0.3996



88.7924, 0.3358, 0.3497



38.6941, 0.3848, 0.2784



18.6571, 0.3397, 0.3530



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.



60.8072, 0.4034, 0.3996



61.7142, 0.4270, 0.4129



83.9638, 0.3745, 0.4454



18.0898, 0.3279, 0.3428



21.3229, 0.5164, 0.4282



2.0767, 0.5009, 0.4405

Inverse Universe

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



43.2254, 0.2357, 0.2447



40.0475, 0.2194, 0.2228



28.3817, 0.2310, 0.1856



17.0601, 0.2980, 0.3148



8.9280, 0.1697, 0.1310



0.9826, 0.1765, 0.1555

Previews

White Background



This preview shows how the Yxy color 60.8043, 0.4034, 0.3996 looks on a white background.

Color Contrast Check

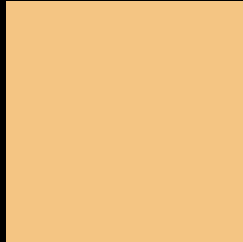
Large Text (above 18pt) WCAG AA × Fail

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 60.8043, 0.4034, 0.3996 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 60.8043, 0.4034, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 60.8043, 0.4034, 0.3996.



This preview shows how white text looks on a background with the Yxy color 60.8043, 0.4034, 0.3996.

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

60.8043, 0.4034, 0.3996

Protanopia

61.0718, 0.3796, 0.4099

Deuteranopia

60.8927, 0.4064, 0.3979



Tritanopia

60.7875, 0.3534, 0.3134

Trichromacy



Original Color

60.8043, 0.4034, 0.3996

Protanomaly

60.9234, 0.3884, 0.4059

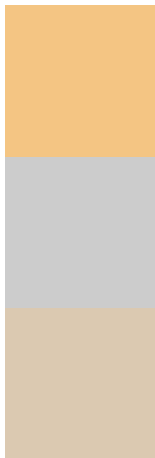
Deuteranomaly

60.7114, 0.4056, 0.3981

Tritanomaly

60.3924, 0.3720, 0.3442

Monochromacy



Original Color

60.8043, 0.4034, 0.3996

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0077, 0.3451, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8043, 0.4034, 0.3996 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(244, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 131)  
}
```

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(244, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 131) }
```

Border

The CSS property to change the border of an element to Yxy 60.8043, 0.4034, 0.3996 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(244, 197, 131) }
```

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

```
.border{ border-color:rgb(244, 197, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8043, 0.4034, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 131) }
```

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

```
.background{ background-color: rgb(244,  
197, 131) }
```

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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