

Converting Colors

Yxy(60.5863, 0.3978, 0.3948)

Have a look what the booklet for
Yxy(60.5863, 0.3978, 0.3948)
contains.

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Color

Yxy(60.5873, 0.3979, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	F2C588
RGB	242, 197, 136
RGB Percent	95%, 77%, 53%
CMY	0.0509, 0.2275, 0.4667
CMYK	0.00, 0.19, 0.44, 0.05
HSL	35°, 80%, 74%
HSV	35°, 44%, 95%
XYZ	61.0321, 60.5873, 31.7662
YIQ	203.5010, 46.4010, -9.4310

Conversions

Conversions Part 2

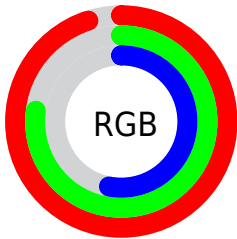
Format	Color
R _Y B	214, 242, 136
Decimal	15910280
CIE Lab	82.16, 8.28, 36.59
CIE LCh	82, 37.512, 77.255
Yxy	60.5873, 0.3979, 0.3950
Android (android.graphics.Color)	4294100360 (0xFFFF2C588)
YUV	203.5010, -33.2780, 33.7636
Hunter-Lab	77.8378, 3.7444, 30.2898

Details

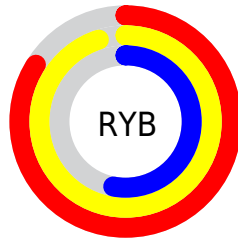
The Yxy color **60.5873, 0.3979, 0.3950** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6967, 0.2402, 0.2514**, and the grayscale version is **60.2461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8613, 0.3516, 0.3920**, and **30.4911, 0.4189, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **55.4692, 0.4220, 0.4088**, and if you desaturate by 10%, it is **66.1846, 0.3752, 0.3799**.

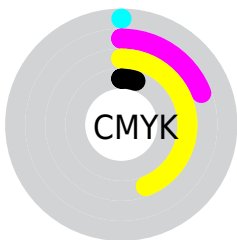
Distribution



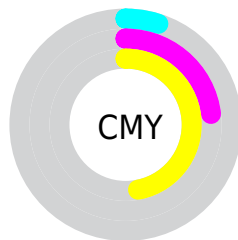
- Red (95%)
- Green (77%)
- Blue (53%)



- Red (84%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (5%)




- Cyan (5%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5873, 0.3979, 0.3950 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 60.5873, 0.3979, 0.3950 by changing the saturation by 10% instead.


 60.5873, 0.3979,
0.3950


 60.5873, 0.3979,
0.3950


426.7592, 0.3576,
0.3649

 43.8922, 0.4071,
0.4015


 105.6812, 0.3839,
0.3848

 30.5858, 0.4184,
0.4093


 134.8487, 0.3784,
0.3808

 20.2836, 0.4325,
0.4186


 168.9425, 0.3737,
0.3772

 12.6014, 0.4503,
0.4298

208.3469, 0.3696,
0.3742

 7.1546, 0.4730,
0.4426

253.4464, 0.3661,
0.3714

 3.5590, 0.5163,
0.4688

304.6254, 0.3629,

 1.4301, 0.5367,

0.3690

0.4633

362.2681, 0.3601,
0.3669

0.2387, 0.6424,
0.3576

0.0000, 0.0000,
0.0000

60.5873, 0.3979,
0.3950

60.5873, 0.3979,
0.3950

55.4692, 0.4220,
0.4088

66.1846, 0.3752,
0.3799

50.8049, 0.4465,
0.4203


72.2682, 0.3543,
0.3643


46.5787, 0.4705,
0.4280


78.8558, 0.3354,
0.3490

42.7703, 0.4923,
0.4309

85.9613, 0.3186,
0.3344

 39.3558, 0.5109,
0.4284

 93.4686, 0.3049,
0.3225

 37.4209, 0.5208,
0.4247

 97.6204, 0.3048,
0.3290

Harmonies

Analogous

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



60.5873, 0.4086, 0.3608



60.5873, 0.3979, 0.3950



60.5873, 0.3640, 0.4148

Triad

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



60.5873, 0.3979, 0.3950



60.5873, 0.2392, 0.3282



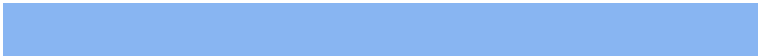
60.5873, 0.3017, 0.2627

Complementary

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



60.5873, 0.3979, 0.3950



44.6967, 0.2402, 0.2514

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.



60.5873, 0.2592, 0.2522



60.5873, 0.3979, 0.3950



60.5873, 0.2254, 0.2856

Square

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



60.5873, 0.3979, 0.3950



60.5873, 0.2723, 0.3757



60.5873, 0.2324, 0.2594



60.5873, 0.3507, 0.2877

Rectangle

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



60.5873, 0.3979, 0.3950



60.5873, 0.3337, 0.4143



60.5873, 0.2324, 0.2594



60.5873, 0.2862, 0.2574

Sweetspot

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



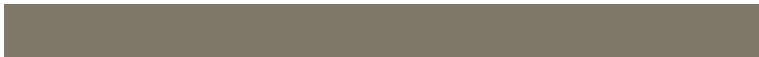
60.5902, 0.3979, 0.3950



89.3920, 0.3340, 0.3479



39.8609, 0.3772, 0.2791



18.7694, 0.3380, 0.3512



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.



60.5902, 0.3979, 0.3950



62.8255, 0.4203, 0.4080



82.9459, 0.3728, 0.4389



17.2693, 0.3279, 0.3426



20.3761, 0.5187, 0.4264



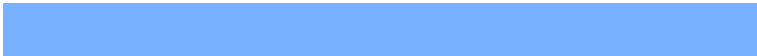
1.8918, 0.5020, 0.4396

Inverse Universe

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



44.6967, 0.2402, 0.2514



42.7389, 0.2246, 0.2311



29.8625, 0.2350, 0.1940



16.3320, 0.2980, 0.3150



8.8863, 0.1705, 0.1337



0.9324, 0.1776, 0.1594

Previews

White Background



This preview shows how the Yxy color 60.5873, 0.3979, 0.3950 looks on a white background.

Color Contrast Check

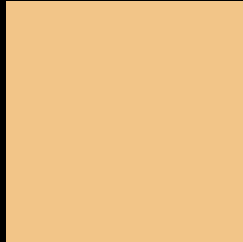
Large Text (above 18pt) WCAG AA × Fail

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 60.5873, 0.3979, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

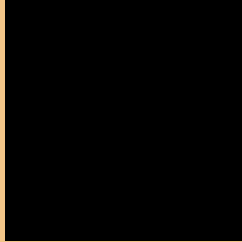
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5873, 0.3979, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 60.5873, 0.3979, 0.3950.



This preview shows how white text looks on a background with the Yxy color 60.5873, 0.3979, 0.3950.

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

60.5873, 0.3979, 0.3950

Protanopia

60.4220, 0.3747, 0.4038

Deuteranopia

60.6699, 0.4009, 0.3933



Tritanopia

60.4180, 0.3518, 0.3133

Trichromacy



Original Color

60.5873, 0.3979, 0.3950

Protanomaly

60.2663, 0.3835, 0.3999

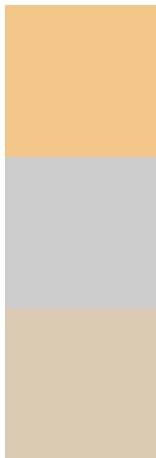
Deuteranomaly

60.4905, 0.4001, 0.3935

Tritanomaly

60.1091, 0.3686, 0.3421

Monochromacy



Original Color

60.5873, 0.3979, 0.3950

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9334, 0.3428, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5873, 0.3979, 0.3950 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(242, 197, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 136)  
}
```

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(242, 197, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 136) }
```

Border

The CSS property to change the border of an element to Yxy 60.5873, 0.3979, 0.3950 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(242, 197, 136) }
```

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

```
.border{ border-color:rgb(242, 197, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 197, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5873, 0.3979, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 136) }
```

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

```
.background{ background-color: rgb(242,  
197, 136) }
```

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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