

Converting Colors

$Yxy(54.9481, 0.4078, 0.3773)$

Have a look what the booklet for
Yxy(54.9481, 0.4078, 0.3773)
contains.

Yxy(54.8549, 0.4080, 0.3777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8549, 0.4080, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	F6B689
RGB	246, 182, 137
RGB Percent	96%, 71%, 54%
CMY	0.0352, 0.2863, 0.4628
CMYK	0.00, 0.26, 0.44, 0.04
HSL	25°, 86%, 75%
HSV	25°, 44%, 96%
XYZ	59.2555, 54.8549, 31.1237
YIQ	196.0060, 52.5890, -0.4270

Conversions

Conversions Part 2

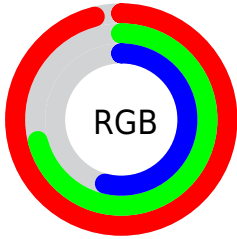
Format	Color
R _Y B	246, 214, 137
Decimal	16168585
CIE Lab	78.96, 17.84, 31.97
CIE LCh	79, 36.612, 60.845
Yxy	54.8549, 0.4080, 0.3777
Android (android.graphics.Color)	4294358665 (0xFFFF6B689)
YUV	196.0060, -29.0900, 43.8447
Hunter-Lab	74.0641, 13.1980, 26.9297

Details

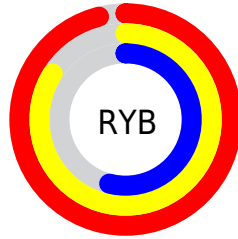
The Yxy color **54.8549, 0.4080, 0.3777** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7514, 0.2433, 0.2733**, and the grayscale version is **55.3612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1707, 0.3546, 0.3762**, and **26.9372, 0.4327, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **48.6152, 0.4376, 0.3876**, and if you desaturate by 10%, it is **61.8714, 0.3813, 0.3666**.

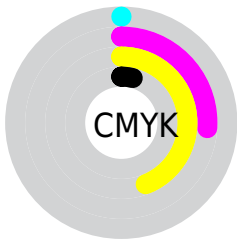
Distribution



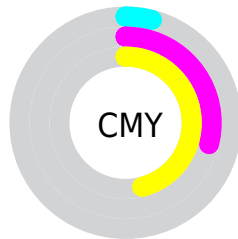
- Red (96%)
- Green (71%)
- Blue (54%)



- Red (96%)
- Yellow (84%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8549, 0.4080, 0.3777 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 54.8549, 0.4080, 0.3777 by changing the saturation by 10% instead.


 54.8549, 0.4080,
0.3777

 54.8549, 0.4080,
0.3777


405.3617, 0.3616,
0.3560

 39.2856, 0.4190,
0.3822

 97.3283, 0.3915,
0.3705

 26.9819, 0.4327,
0.3875


 125.0012, 0.3852,
0.3676

 17.5597, 0.4502,
0.3935


 157.4774, 0.3799,
0.3650

 10.6343, 0.4730,
0.4002

195.1413, 0.3752,
0.3628

 5.8215, 0.5035,
0.4067

238.3772, 0.3712,
0.3608

 2.7369, 0.5663,
0.4259

287.5697, 0.3676,

 0.9959, 0.6010,

0.3590

0.3990

343.1031, 0.3644,
0.3575

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8549, 0.4080,
0.3777

54.8549, 0.4080,
0.3777

48.6152, 0.4376,
0.3876

61.8714, 0.3813,
0.3666

43.1147, 0.4691,
0.3952

69.6843, 0.3577,
0.3552

38.3244, 0.5010,
0.3991

78.3225, 0.3372,
0.3441

34.2093, 0.5310,
0.3982

87.8107, 0.3196,
0.3334

■ 30.7301, 0.5566,
0.3919

■ 97.8469, 0.3072,
0.3282

■ 29.0147, 0.5690,
0.3864

■ 98.3379, 0.3072,
0.3290

Harmonies

Analogous

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



54.8549, 0.4033, 0.3399



54.8549, 0.4080, 0.3777



54.8549, 0.3854, 0.4071

Triad

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



54.8549, 0.4080, 0.3777



54.8549, 0.2547, 0.3550



54.8549, 0.2766, 0.2544

Complementary

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



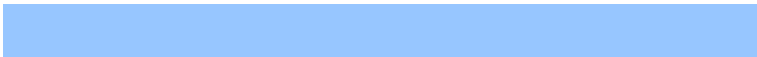
54.8549, 0.4080, 0.3777



53.7514, 0.2433, 0.2733

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.



54.8549, 0.2416, 0.2532



54.8549, 0.4080, 0.3777



54.8549, 0.2297, 0.3071

Square

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



54.8549, 0.4080, 0.3777



54.8549, 0.2961, 0.3976



54.8549, 0.2253, 0.2709



54.8549, 0.3240, 0.2720

Rectangle

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



54.8549, 0.4080, 0.3777



54.8549, 0.3592, 0.4164



54.8549, 0.2253, 0.2709



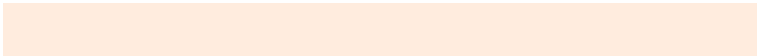
54.8549, 0.2631, 0.2520

Sweetspot

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



54.8575, 0.4080, 0.3777



86.2491, 0.3348, 0.3426



41.7672, 0.3591, 0.2601



17.9948, 0.3390, 0.3451



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.



54.8575, 0.4080, 0.3777



53.5223, 0.4338, 0.3865



80.8908, 0.3832, 0.4288



17.6062, 0.3283, 0.3388



15.7438, 0.5661, 0.3887



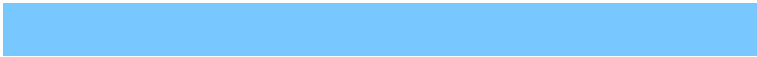
1.5811, 0.5436, 0.4066

Inverse Universe

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



53.7514, 0.2433, 0.2733



52.1457, 0.2305, 0.2599



33.1159, 0.2313, 0.2041



17.5440, 0.2980, 0.3190



14.5543, 0.1855, 0.1877



1.4815, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 54.8549, 0.4080, 0.3777 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 54.8549, 0.4080, 0.3777 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 54.8549, 0.4080, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 54.8549, 0.4080, 0.3777.



This preview shows how white text looks on a background with the Yxy color 54.8549, 0.4080, 0.3777.

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

54.8549, 0.4080, 0.3777

Protanopia

55.1647, 0.3653, 0.3930

Deuteranopia

54.8106, 0.3958, 0.3863



Tritanopia

54.8000, 0.3694, 0.3154

Trichromacy



Original Color

54.8549, 0.4080, 0.3777

Protanomaly

54.8727, 0.3802, 0.3873

Deuteranomaly

54.6526, 0.4003, 0.3834

Tritanomaly

54.8451, 0.3840, 0.3389

Monochromacy



Original Color

54.8549, 0.4080, 0.3777

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6529, 0.3446, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8549, 0.4080, 0.3777 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(246, 182, 137)` looks like.

```
.text, #text, p{  
    color:rgb(246, 182, 137)  
}
```

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(246, 182, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 182, 137) }
```

Border

The CSS property to change the border of an element to Yxy 54.8549, 0.4080, 0.3777 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(246, 182, 137) }
```

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

```
.border{ border-color:rgb(246, 182, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 182, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 182, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 182, 137);  
box-shadow:4px 4px 4px 4px rgb(246, 182,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8549, 0.4080, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 182, 137) }
```

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

```
.background{ background-color: rgb(246,  
182, 137) }
```

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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