

Converting Colors

Yxy(54.3066, 0.4103, 0.3867)

Have a look what the booklet for
Yxy(54.3066, 0.4103, 0.3867)
contains.

Yxy(54.3559, 0.4098, 0.3868)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3559, 0.4098, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	F2B782
RGB	242, 183, 130
RGB Percent	95%, 72%, 51%
CMY	0.0509, 0.2824, 0.4901
CMYK	0.00, 0.24, 0.46, 0.05
HSL	28°, 81%, 73%
HSV	28°, 46%, 95%
XYZ	57.5880, 54.3559, 28.5832
YIQ	194.5990, 52.1770, -3.9750

Conversions

Conversions Part 2

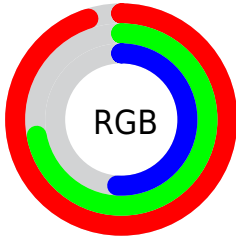
Format	Color
R _Y B	242, 231, 130
Decimal	15906690
CIE Lab	78.67, 15.04, 35.16
CIE LCh	79, 38.242, 66.847
Yxy	54.3559, 0.4098, 0.3868
Android (android.graphics.Color)	4294096770 (0xFFFF2B782)
YUV	194.5990, -31.8473, 41.5707
Hunter-Lab	73.7265, 10.4058, 28.6222

Details

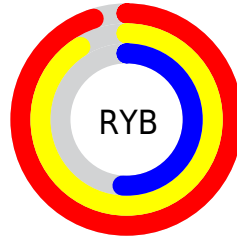
The Yxy color **54.3559, 0.4098, 0.3868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.5779, 0.2388, 0.2615**, and the grayscale version is **54.4951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4537, 0.3589, 0.3843**, and **26.6117, 0.4337, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **48.7574, 0.4376, 0.3978**, and if you desaturate by 10%, it is **60.5894, 0.3841, 0.3744**.

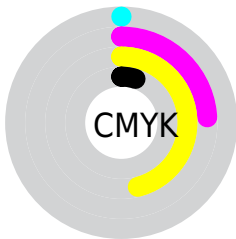
Distribution



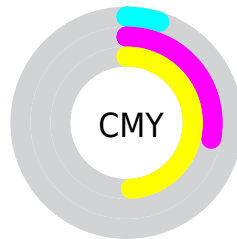
- Red (95%)
- Green (72%)
- Blue (51%)



- Red (95%)
- Yellow (91%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3559, 0.4098, 0.3868 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 54.3559, 0.4098, 0.3868 by changing the saturation by 10% instead.


 54.3559, 0.4098,
0.3868


 54.3559, 0.4098,
0.3868


403.4657, 0.3627,
0.3608

 38.8863, 0.4209,
0.3923


 96.5966, 0.3932,
0.3781

 26.6713, 0.4346,
0.3987


 124.1365, 0.3868,
0.3746

 17.3265, 0.4519,
0.4061


 156.4685, 0.3813,
0.3715

 10.4675, 0.4743,
0.4145

193.9772, 0.3766,
0.3689

 5.7100, 0.5034,
0.4227

237.0469, 0.3724,
0.3665

 2.6696, 0.5589,
0.4411

286.0619, 0.3688,

 0.9618, 0.5856,

0.3644

0.4144

341.4067, 0.3656,
0.3625

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3559, 0.4098,
0.3868

54.3559, 0.4098,
0.3868

48.7574, 0.4376,
0.3978

60.5894, 0.3841,
0.3744

43.7626, 0.4666,
0.4062

67.4720, 0.3610,
0.3614

39.3486, 0.4953,
0.4106

75.0270, 0.3406,
0.3486

35.4872, 0.5216,
0.4100

83.2740, 0.3227,
0.3363

■ 32.1462, 0.5438,
0.4037

■ 92.2318, 0.3072,
0.3248

■ 31.0215, 0.5512,
0.4005

■ 97.6215, 0.3048,
0.3290

Harmonies

Analogous

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



54.3559, 0.4111, 0.3482



54.3559, 0.4098, 0.3868



54.3559, 0.3812, 0.4148

Triad

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



54.3559, 0.4098, 0.3868



54.3559, 0.2452, 0.3458



54.3559, 0.2840, 0.2536

Complementary

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



54.3559, 0.4098, 0.3868



47.5779, 0.2388, 0.2615

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.



54.3559, 0.2443, 0.2486



54.3559, 0.4098, 0.3868



54.3559, 0.2234, 0.2970

Square

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



54.3559, 0.4098, 0.3868



54.3559, 0.2856, 0.3937



54.3559, 0.2232, 0.2629



54.3559, 0.3349, 0.2750

Rectangle

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



54.3559, 0.4098, 0.3868



54.3559, 0.3517, 0.4213



54.3559, 0.2232, 0.2629



54.3559, 0.2690, 0.2500

Sweetspot

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



54.3585, 0.4098, 0.3868



86.4875, 0.3363, 0.3458



38.5601, 0.3700, 0.2648



18.0959, 0.3404, 0.3485



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.



54.3585, 0.4098, 0.3868



54.9710, 0.4373, 0.3977



81.8123, 0.3828, 0.4392



16.9918, 0.3281, 0.3402



16.9306, 0.5486, 0.4026



1.6062, 0.5272, 0.4196

Inverse Universe

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



47.5779, 0.2388, 0.2615



46.4150, 0.2239, 0.2438



28.1430, 0.2256, 0.1882



16.6078, 0.2980, 0.3175



11.9501, 0.1797, 0.1670



1.1933, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 54.3559, 0.4098, 0.3868 looks on a white background.

Color Contrast Check

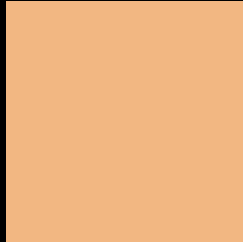
Large Text (above 18pt) WCAG AA × Fail

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 54.3559, 0.4098, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

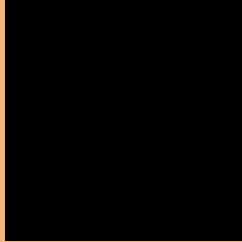
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3559, 0.4098, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 54.3559, 0.4098, 0.3868.



This preview shows how white text looks on a background with the Yxy color 54.3559, 0.4098, 0.3868.

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

54.3559, 0.4098, 0.3868

Protanopia

54.6284, 0.3727, 0.4012

Deuteranopia

54.1952, 0.4020, 0.3928



Tritanopia

54.1082, 0.3650, 0.3141

Trichromacy



Original Color

54.3559, 0.4098, 0.3868

Protanomaly

54.4847, 0.3857, 0.3966

Deuteranomaly

54.2874, 0.4051, 0.3911

Tritanomaly

54.0804, 0.3814, 0.3401

Monochromacy



Original Color

54.3559, 0.4098, 0.3868

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1989, 0.3461, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3559, 0.4098, 0.3868 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, 183, 130)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 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(242, 183, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 130) }
```

Border

The CSS property to change the border of an element to Yxy 54.3559, 0.4098, 0.3868 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, 183, 130) }
```

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

```
.border{ border-color:rgb(242, 183, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 183, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 130);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3559, 0.4098, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 130) }
```

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

```
.background{ background-color: rgb(242,  
183, 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