

Converting Colors

Yxy(54.5349, 0.3916, 0.3609)

Have a look what the booklet for
Yxy(54.5349, 0.3916, 0.3609)
contains.

Yxy(54.8105, 0.3915, 0.3610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.8105, 0.3915, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	F3B699
RGB	243, 182, 153
RGB Percent	95%, 71%, 60%
CMY	0.0470, 0.2863, 0.4000
CMYK	0.00, 0.25, 0.37, 0.05
HSL	19°, 79%, 78%
HSV	19°, 37%, 95%
XYZ	59.4413, 54.8105, 37.5778
YIQ	196.9330, 45.6650, 3.9130

Conversions

Conversions Part 2

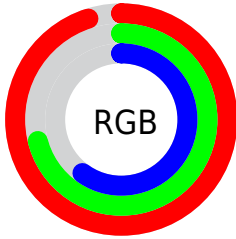
Format	Color
R _Y B	243, 196, 153
Decimal	15971993
CIE Lab	78.93, 18.39, 23.39
CIE LCh	79, 29.754, 51.817
Yxy	54.8105, 0.3915, 0.3610
Android (android.graphics.Color)	4294162073 (0xFFFF3B699)
YUV	196.9330, -21.6590, 40.4008
Hunter-Lab	74.0341, 13.7563, 21.7298

Details

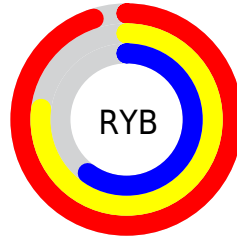
The Yxy color **54.8105, 0.3915, 0.3610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3328, 0.2559, 0.2941**, and the grayscale version is **55.9061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9141, 0.3441, 0.3600**, and **26.9741, 0.4121, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **47.7367, 0.4215, 0.3695**, and if you desaturate by 10%, it is **62.8463, 0.3654, 0.3520**.

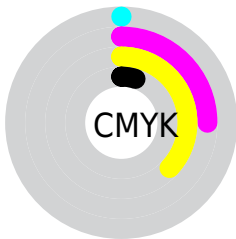
Distribution



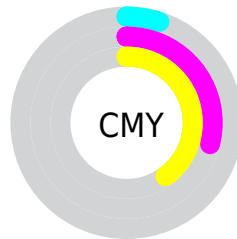
- Red (95%)
- Green (71%)
- Blue (60%)



- Red (95%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8105, 0.3915, 0.3610 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 54.8105, 0.3915, 0.3610 by changing the saturation by 10% instead.


 54.8105, 0.3915,
0.3610


 54.8105, 0.3915,
0.3610


405.1932, 0.3529,
0.3467

 39.2500, 0.4008,
0.3640


 97.2633, 0.3777,
0.3562

 26.9543, 0.4125,
0.3676


 124.9243, 0.3724,
0.3543

 17.5389, 0.4278,
0.3718


157.3877, 0.3680,
0.3526

 10.6194, 0.4481,
0.3767

195.0378, 0.3641,
0.3512

 5.8116, 0.4766,
0.3819

238.2590, 0.3608,
0.3499

 2.7308, 0.5206,
0.3876

287.4357, 0.3578,

 0.9929, 0.6042,

0.3487

0.3958

342.9523, 0.3552,
0.3477

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8105, 0.3915,
0.3610

54.8105, 0.3915,
0.3610

47.7367, 0.4215,
0.3695

62.8463, 0.3654,
0.3520

41.5797, 0.4551,
0.3766

71.8715, 0.3431,
0.3432

36.3020, 0.4911,
0.3813

81.9220, 0.3242,
0.3347

31.8605, 0.5272,
0.3823

93.0295, 0.3083,
0.3267

■ 28.2074, 0.5601,
0.3785

■ 97.7963, 0.3054,
0.3290

■ 25.2882, 0.5867,
0.3699

■ 24.5515, 0.5935,
0.3669

Harmonies

Analogous

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



54.8105, 0.3805, 0.3291



54.8105, 0.3915, 0.3610



54.8105, 0.3798, 0.3875

Triad

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



54.8105, 0.3915, 0.3610



54.8105, 0.2746, 0.3615



54.8105, 0.2733, 0.2654

Complementary

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



54.8105, 0.3915, 0.3610



61.3328, 0.2559, 0.2941

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.



54.8105, 0.2483, 0.2695



54.8105, 0.3915, 0.3610



54.8105, 0.2490, 0.3231

Square

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



54.8105, 0.3915, 0.3610



54.8105, 0.3114, 0.3909



54.8105, 0.2398, 0.2896



54.8105, 0.3101, 0.2761

Rectangle

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



54.8105, 0.3915, 0.3610



54.8105, 0.3615, 0.3978



54.8105, 0.2398, 0.2896



54.8105, 0.2633, 0.2650

Sweetspot

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



54.8131, 0.3915, 0.3610



86.7890, 0.3314, 0.3380



46.7157, 0.3420, 0.2639



18.2491, 0.3339, 0.3391



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.



54.8131, 0.3915, 0.3610



55.4628, 0.4123, 0.3671



76.0237, 0.3742, 0.4061



17.3545, 0.3286, 0.3367



13.6895, 0.5907, 0.3692



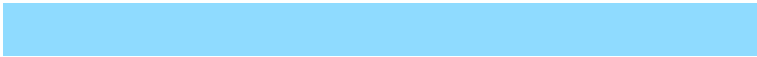
1.3816, 0.5664, 0.3885

Inverse Universe

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



61.3328, 0.2559, 0.2941



63.6194, 0.2458, 0.2862



41.8022, 0.2477, 0.2376



17.8046, 0.2980, 0.3212



18.5119, 0.1945, 0.2201



1.8127, 0.1987, 0.2353

Previews

White Background



This preview shows how the Yxy color 54.8105, 0.3915, 0.3610 looks on a white background.

Color Contrast Check

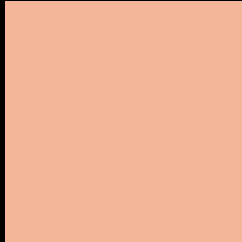
Large Text (above 18pt) WCAG AA × Fail

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 54.8105, 0.3915, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

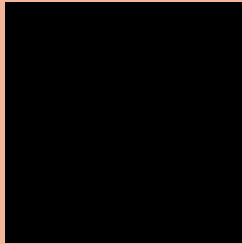
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8105, 0.3915, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 54.8105, 0.3915, 0.3610.



This preview shows how white text looks on a background with the Yxy color 54.8105, 0.3915, 0.3610.

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

54.8105, 0.3915, 0.3610

Protanopia

54.7988, 0.3505, 0.3729

Deuteranopia

54.8915, 0.3776, 0.3704



Tritanopia

54.9361, 0.3636, 0.3152

Trichromacy



Original Color

54.8105, 0.3915, 0.3610

Protanomaly

54.4769, 0.3648, 0.3679

Deuteranomaly

54.8772, 0.3828, 0.3675

Tritanomaly

55.0074, 0.3738, 0.3313

Monochromacy



Original Color

54.8105, 0.3915, 0.3610

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3316, 0.3395, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8105, 0.3915, 0.3610 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(243, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 182, 153)  
}
```

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(243, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 182, 153) }
```

Border

The CSS property to change the border of an element to Yxy 54.8105, 0.3915, 0.3610 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(243, 182, 153) }
```

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

```
.border{ border-color:rgb(243, 182, 153) }
```

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

Here you see how a box with a 4 pixel rgb(243, 182, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 182,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8105, 0.3915, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 182, 153) }
```

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

```
.background{ background-color: rgb(243,  
182, 153) }
```

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