

Converting Colors

Yxy(53.2487, 0.3972, 0.3709)

Have a look what the booklet for
Yxy(53.2487, 0.3972, 0.3709)
contains.

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Color

Yxy(53.3816, 0.3971, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	EFB58F
RGB	239, 181, 143
RGB Percent	94%, 71%, 56%
CMY	0.0628, 0.2902, 0.4393
CMYK	0.00, 0.24, 0.40, 0.06
HSL	24°, 75%, 75%
HSV	24°, 40%, 94%
XYZ	57.0755, 53.3816, 33.2737
YIQ	194.0100, 46.7660, 0.4780

Conversions

Conversions Part 2

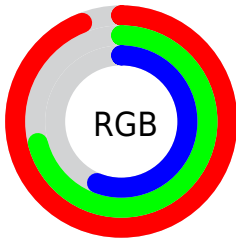
Format	Color
R _Y B	239, 206, 143
Decimal	15709583
CIE Lab	78.10, 16.23, 27.53
CIE LCh	78, 31.956, 59.476
Yxy	53.3816, 0.3971, 0.3714
Android (android.graphics.Color)	4293899663 (0xFFEFB58F)
YUV	194.0100, -25.1479, 39.4562
Hunter-Lab	73.0627, 11.5817, 24.1425

Details

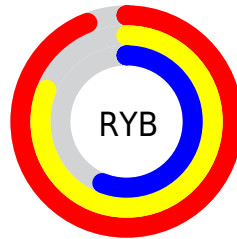
The Yxy color **53.3816, 0.3971, 0.3714** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8258, 0.2500, 0.2816**, and the grayscale version is **54.0862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8596, 0.3509, 0.3692**, and **26.0348, 0.4198, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **47.1663, 0.4260, 0.3815**, and if you desaturate by 10%, it is **60.3644, 0.3714, 0.3606**.

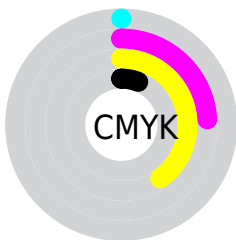
Distribution



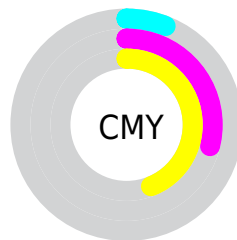
- Red (94%)
- Green (71%)
- Blue (56%)



- Red (94%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3816, 0.3971, 0.3714 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 53.3816, 0.3971, 0.3714 by changing the saturation by 10% instead.


 53.3816, 0.3971,
0.3714


 53.3816, 0.3971,
0.3714


399.7475, 0.3557,
0.3522

 38.1075, 0.4070,
0.3755


 95.1657, 0.3823,
0.3649

 26.0661, 0.4196,
0.3804


 122.4444, 0.3767,
0.3623

 16.8731, 0.4357,
0.3862


154.4934, 0.3719,
0.3601

 10.1441, 0.4571,
0.3930

191.6972, 0.3678,
0.3581

 5.4946, 0.4865,
0.4003

234.4401, 0.3642,
0.3564

 2.5403, 0.5417,
0.4162

283.1065, 0.3610,

 0.8967, 0.5950,

0.3548

0.4050

338.0808, 0.3582,
0.3534

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3816, 0.3971,
0.3714

53.3816, 0.3971,
0.3714

47.1663, 0.4260,
0.3815

60.3644, 0.3714,
0.3606

41.6825, 0.4575,
0.3898

68.1336, 0.3489,
0.3497

36.9024, 0.4902,
0.3951

76.7172, 0.3296,
0.3391

32.7930, 0.5221,
0.3960

86.1390, 0.3130,
0.3292

■ 29.3177, 0.5505,
0.3917

■ 95.9310, 0.3030,
0.3272

■ 26.4735, 0.5735,
0.3828

■ 97.0896, 0.3029,
0.3290

Harmonies

Analogous

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



53.3816, 0.3916, 0.3376



53.3816, 0.3971, 0.3714



53.3816, 0.3785, 0.3974

Triad

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



53.3816, 0.3971, 0.3714



53.3816, 0.2629, 0.3539



53.3816, 0.2792, 0.2621

Complementary

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



53.3816, 0.3971, 0.3714



53.8258, 0.2500, 0.2816

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.



53.3816, 0.2486, 0.2621



53.3816, 0.3971, 0.3714



53.3816, 0.2396, 0.3120

Square

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



53.3816, 0.3971, 0.3714



53.3816, 0.3003, 0.3901



53.3816, 0.2347, 0.2791



53.3816, 0.3209, 0.2773

Rectangle

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



53.3816, 0.3971, 0.3714



53.3816, 0.3559, 0.4056



53.3816, 0.2347, 0.2791



53.3816, 0.2674, 0.2603

Sweetspot

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



53.3841, 0.3971, 0.3714



86.9546, 0.3330, 0.3410



42.2618, 0.3516, 0.2649



18.3262, 0.3354, 0.3424



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.



53.3841, 0.3971, 0.3714



56.0234, 0.4200, 0.3796



75.7045, 0.3771, 0.4184



16.7861, 0.3283, 0.3384



14.8697, 0.5707, 0.3851



1.4259, 0.5465, 0.4043

Inverse Universe

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



53.8258, 0.2500, 0.2816



56.5667, 0.2382, 0.2702



35.2408, 0.2403, 0.2200



16.8170, 0.2980, 0.3194



14.7861, 0.1872, 0.1938



1.4237, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 53.3816, 0.3971, 0.3714 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 53.3816, 0.3971, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

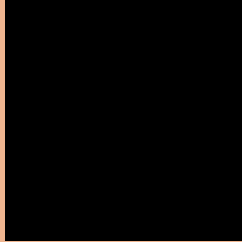
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3816, 0.3971, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 53.3816, 0.3971, 0.3714.



This preview shows how white text looks on a background with the Yxy color 53.3816, 0.3971, 0.3714.

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

53.3816, 0.3971, 0.3714

Protanopia

53.5434, 0.3597, 0.3841

Deuteranopia

53.3089, 0.3872, 0.3785



Tritanopia

53.3455, 0.3624, 0.3150

Trichromacy



Original Color

53.3816, 0.3971, 0.3714

Protanomaly

53.5306, 0.3734, 0.3800

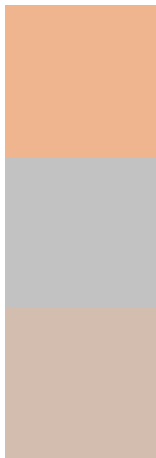
Deuteranomaly

53.5576, 0.3912, 0.3767

Tritanomaly

53.3001, 0.3754, 0.3347

Monochromacy



Original Color

53.3816, 0.3971, 0.3714

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1920, 0.3415, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3816, 0.3971, 0.3714 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(239, 181, 143)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 143)  
}
```

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(239, 181, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 143) }
```

Border

The CSS property to change the border of an element to Yxy 53.3816, 0.3971, 0.3714 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(239, 181, 143) }
```

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

```
.border{ border-color:rgb(239, 181, 143) }
```

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

Here you see how a box with a 4 pixel rgb(239, 181, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 143);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3816, 0.3971, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 143) }
```

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

```
.background{ background-color: rgb(239,  
181, 143) }
```

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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