

Converting Colors

$Y_{xy}(53.6416, 0.4009, 0.3779)$

Have a look what the booklet for
Yxy(53.6416, 0.4009, 0.3779)
contains.

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Color

Yxy(53.6416, 0.4009, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	EFB68A
RGB	239, 182, 138
RGB Percent	94%, 71%, 54%
CMY	0.0628, 0.2862, 0.4588
CMYK	0.00, 0.24, 0.42, 0.06
HSL	26°, 76%, 74%
HSV	26°, 42%, 94%
XYZ	56.9064, 53.6416, 31.3986
YIQ	194.0270, 48.0960, -1.6000

Conversions

Conversions Part 2

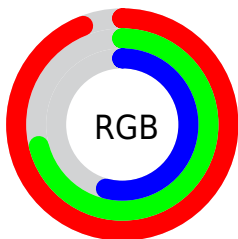
Format	Color
R _Y B	239, 216, 138
Decimal	15709834
CIE Lab	78.25, 15.16, 30.37
CIE LCh	78, 33.942, 63.479
Yxy	53.6416, 0.4009, 0.3779
Android (android.graphics.Color)	4293899914 (0xFFEFB68A)
YUV	194.0270, -27.6213, 39.4413
Hunter-Lab	73.2404, 10.5202, 25.8503

Details

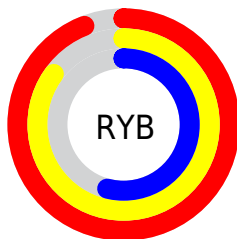
The Yxy color **53.6416, 0.4009, 0.3779** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6471, 0.2460, 0.2734**, and the grayscale version is **54.1115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2148, 0.3540, 0.3752**, and **26.2124, 0.4247, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **47.7673, 0.4291, 0.3887**, and if you desaturate by 10%, it is **60.2050, 0.3754, 0.3661**.

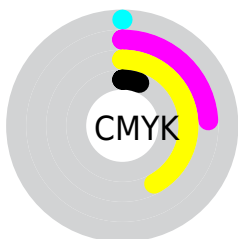
Distribution



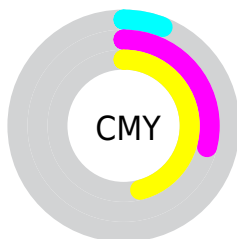
- Red (94%)
- Green (71%)
- Blue (54%)



- Red (94%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6416, 0.4009, 0.3779 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 53.6416, 0.4009, 0.3779 by changing the saturation by 10% instead.

 53.6416, 0.4009,
0.3779


 53.6416, 0.4009,
0.3779


400.7418, 0.3578,
0.3557

 38.3152, 0.4112,
0.3827


 95.5478, 0.3856,
0.3704

 26.2274, 0.4240,
0.3883


 122.8964, 0.3797,
0.3674

 16.9939, 0.4405,
0.3950

 155.0212, 0.3747,
0.3648

 10.2301, 0.4622,
0.4028

192.3066, 0.3704,
0.3625

 5.5518, 0.4914,
0.4110

235.1369, 0.3666,
0.3605

 2.5745, 0.5530,
0.4340

283.8967, 0.3633,

 0.9139, 0.5879,

0.3587

0.4121

338.9702, 0.3604,
0.3571

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6416, 0.4009,
0.3779

53.6416, 0.4009,
0.3779

47.7673, 0.4291,
0.3887

60.2050, 0.3754,
0.3661

42.5492, 0.4593,
0.3974

67.4732, 0.3529,
0.3542

37.9631, 0.4901,
0.4028

75.4710, 0.3332,
0.3425

33.9794, 0.5195,
0.4035

84.2197, 0.3162,
0.3314

■ 30.5653, 0.5452,
0.3988

■ 93.5781, 0.3030,
0.3235

■ 28.2817, 0.5620,
0.3919

■ 97.0869, 0.3029,
0.3290

Harmonies

Analogous

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



53.6416, 0.3987, 0.3428



53.6416, 0.4009, 0.3779



53.6416, 0.3781, 0.4039

Triad

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



53.6416, 0.4009, 0.3779



53.6416, 0.2557, 0.3493



53.6416, 0.2825, 0.2597

Complementary

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



53.6416, 0.4009, 0.3779



50.6471, 0.2460, 0.2734

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.



53.6416, 0.2483, 0.2573



53.6416, 0.4009, 0.3779



53.6416, 0.2336, 0.3053

Square

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



53.6416, 0.4009, 0.3779



53.6416, 0.2936, 0.3899



53.6416, 0.2312, 0.2726



53.6416, 0.3275, 0.2776

Rectangle

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



53.6416, 0.4009, 0.3779



53.6416, 0.3528, 0.4109



53.6416, 0.2312, 0.2726



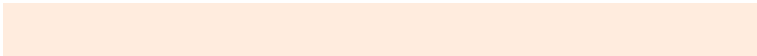
53.6416, 0.2695, 0.2570

Sweetspot

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



53.6442, 0.4009, 0.3779



86.6897, 0.3347, 0.3434



40.4739, 0.3596, 0.2668



18.1032, 0.3388, 0.3459



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.



53.6442, 0.4009, 0.3779



56.0473, 0.4260, 0.3876



78.0336, 0.3784, 0.4273



16.8924, 0.3282, 0.3393



15.8828, 0.5593, 0.3941



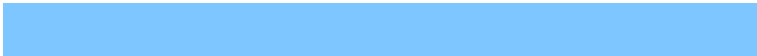
1.5158, 0.5365, 0.4122

Inverse Universe

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



50.6471, 0.2460, 0.2734



52.1070, 0.2326, 0.2591



31.8028, 0.2350, 0.2067



16.7084, 0.2980, 0.3184



13.2581, 0.1833, 0.1798



1.3006, 0.1892, 0.2012

Previews

White Background



This preview shows how the Yxy color 53.6416, 0.4009, 0.3779 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 53.6416, 0.4009, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

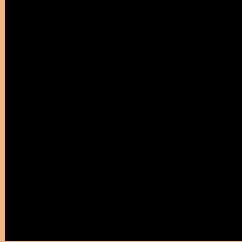
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6416, 0.4009, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 53.6416, 0.4009, 0.3779.



This preview shows how white text looks on a background with the Yxy color 53.6416, 0.4009, 0.3779.

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

53.6416, 0.4009, 0.3779

Protanopia

53.9766, 0.3642, 0.3911

Deuteranopia

53.9129, 0.3927, 0.3848



Tritanopia

53.5672, 0.3624, 0.3140

Trichromacy



Original Color

53.6416, 0.4009, 0.3779

Protanomaly

53.8101, 0.3770, 0.3869

Deuteranomaly

53.9965, 0.3959, 0.3831

Tritanomaly

53.6203, 0.3769, 0.3380

Monochromacy



Original Color

53.6416, 0.4009, 0.3779

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5845, 0.3421, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6416, 0.4009, 0.3779 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, 182, 138)` looks like.

```
.text, #text, p{  
    color:rgb(239, 182, 138)  
}
```

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, 182, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 182, 138) }
```

Border

The CSS property to change the border of an element to Yxy 53.6416, 0.4009, 0.3779 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, 182, 138) }
```

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

```
.border{ border-color:rgb(239, 182, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 182, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 182, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 182, 138); box-shadow:4px 4px 4px 4px rgb(239, 182, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6416, 0.4009, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 182, 138) }
```

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

```
.background{ background-color: rgb(239,  
182, 138) }
```

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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