

Converting Colors

$Y_{xy}(54.1125, 0.4003, 0.3812)$

Have a look what the booklet for
Yxy(54.1125, 0.4003, 0.3812)
contains.

Yxy(54.2643, 0.3999, 0.3813)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2643, 0.3999, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	EEB889
RGB	238, 184, 137
RGB Percent	93%, 72%, 54%
CMY	0.0667, 0.2784, 0.4628
CMYK	0.00, 0.23, 0.42, 0.07
HSL	28°, 75%, 74%
HSV	28°, 42%, 93%
XYZ	56.9113, 54.2643, 31.1383
YIQ	194.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

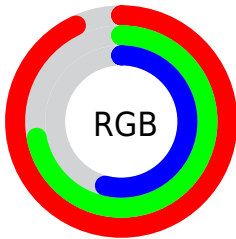
Format	Color
R_{YB}	238, 225, 137
Decimal	15644809
CIE _{Lab}	78.62, 13.60, 31.36
CIE _{LCh}	79, 34.186, 66.553
Yxy	54.2643, 0.3999, 0.3813
Android (android.graphics.Color)	4293834889 (0xFFEEB889)
YUV	194.7880, -28.4895, 37.8969
Hunter-Lab	73.6643, 8.9924, 26.5028

Details

The Yxy color **54.2643, 0.3999, 0.3813** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7358, 0.2451, 0.2692**, and the grayscale version is **54.5928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3418, 0.3542, 0.3781**, and **26.6078, 0.4230, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **48.6085, 0.4272, 0.3928**, and if you desaturate by 10%, it is **60.5510, 0.3750, 0.3688**.

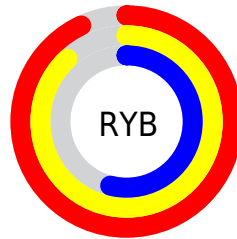
Distribution



Red (93%)

Green (72%)

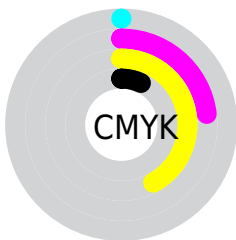
Blue (54%)



Red (93%)

Yellow (88%)

Blue (54%)

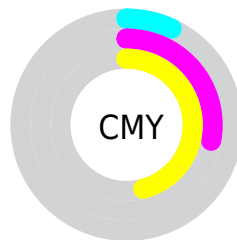


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2643, 0.3999, 0.3813 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 54.2643, 0.3999, 0.3813 by changing the saturation by 10% instead.


 54.2643, 0.3999,
0.3813

 54.2643, 0.3999,
0.3813


403.1171, 0.3575,
0.3574

 38.8130, 0.4100,
0.3865


 96.4622, 0.3848,
0.3732

 26.6143, 0.4225,
0.3926


 123.9776, 0.3791,
0.3700

 17.2838, 0.4386,
0.3999

 156.2832, 0.3741,
0.3672

 10.4370, 0.4595,
0.4085

193.7633, 0.3699,
0.3648

 5.6897, 0.4876,
0.4179

236.8023, 0.3662,
0.3626

 2.6573, 0.5478,
0.4436

285.7847, 0.3629,

 0.9556, 0.5771,

0.3607

0.4229

341.0948, 0.3600,
0.3590

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2643, 0.3999,
0.3813

54.2643, 0.3999,
0.3813

48.6085, 0.4272,
0.3928

60.5510, 0.3750,
0.3688

43.5534, 0.4562,
0.4022

67.4818, 0.3529,
0.3560

39.0773, 0.4855,
0.4081

75.0794, 0.3334,
0.3436

35.1538, 0.5133,
0.4094

83.3626, 0.3165,
0.3318

■ 31.7529, 0.5376,
0.4052

■ 92.2861, 0.3024,
0.3217

■ 29.5002, 0.5533,
0.3989

■ 96.9144, 0.3023,
0.3290

Harmonies

Analogous

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



54.2643, 0.4005, 0.3465



54.2643, 0.3999, 0.3813



54.2643, 0.3748, 0.4058

Triad

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



54.2643, 0.3999, 0.3813



54.2643, 0.2524, 0.3447



54.2643, 0.2867, 0.2607

Complementary

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



54.2643, 0.3999, 0.3813



48.7358, 0.2451, 0.2692

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.



54.2643, 0.2509, 0.2565



54.2643, 0.3999, 0.3813



54.2643, 0.2322, 0.3011

Square

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



54.2643, 0.3999, 0.3813



54.2643, 0.2891, 0.3867



54.2643, 0.2318, 0.2700



54.2643, 0.3324, 0.2800

Rectangle

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



54.2643, 0.3999, 0.3813



54.2643, 0.3486, 0.4112



54.2643, 0.2318, 0.2700



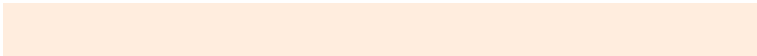
54.2643, 0.2732, 0.2574

Sweetspot

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



54.2669, 0.3999, 0.3813



87.2590, 0.3345, 0.3443



39.8935, 0.3616, 0.2683



18.2433, 0.3386, 0.3471



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.



54.2669, 0.3999, 0.3813



57.6468, 0.4237, 0.3915



78.2211, 0.3780, 0.4292



16.9720, 0.3282, 0.3400



16.7142, 0.5507, 0.4009



1.5877, 0.5290, 0.4182

Inverse Universe

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



48.7358, 0.2451, 0.2692



50.3605, 0.2316, 0.2541



30.8487, 0.2342, 0.2040



16.6277, 0.2980, 0.3177



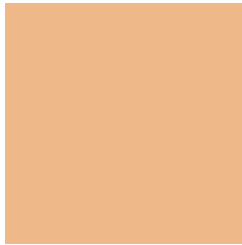
12.2014, 0.1804, 0.1695



1.2141, 0.1867, 0.1921

Previews

White Background



This preview shows how the Yxy color 54.2643, 0.3999, 0.3813 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 54.2643, 0.3999, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

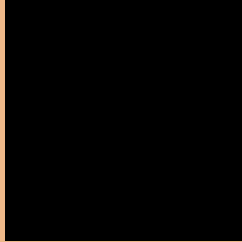
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2643, 0.3999, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 54.2643, 0.3999, 0.3813.



This preview shows how white text looks on a background with the Yxy color 54.2643, 0.3999, 0.3813.

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

54.2643, 0.3999, 0.3813

Protanopia

54.5385, 0.3655, 0.3933

Deuteranopia

54.4740, 0.3940, 0.3868



Tritanopia

54.2606, 0.3592, 0.3139

Trichromacy



Original Color

54.2643, 0.3999, 0.3813

Protanomaly

54.3707, 0.3783, 0.3890

Deuteranomaly

54.3878, 0.3962, 0.3853

Tritanomaly

54.2836, 0.3745, 0.3391

Monochromacy



Original Color

54.2643, 0.3999, 0.3813

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1665, 0.3428, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2643, 0.3999, 0.3813 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(238, 184, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 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(238, 184, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 137) }
```

Border

The CSS property to change the border of an element to Yxy 54.2643, 0.3999, 0.3813 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(238, 184, 137) }
```

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

```
.border{ border-color:rgb(238, 184, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 184, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 184, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 184, 137);  
box-shadow:4px 4px 4px 4px rgb(238, 184,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2643, 0.3999, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 137) }
```

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

```
.background{ background-color: rgb(238,  
184, 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](#).

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