

Converting Colors

Yxy(54.3972, 0.3796, 0.3643)

Have a look what the booklet for
Yxy(54.3972, 0.3796, 0.3643)
contains.

Yxy(54.1868, 0.3797, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1868, 0.3797, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	E8B99A
RGB	232, 185, 154
RGB Percent	91%, 73%, 60%
CMY	0.0902, 0.2745, 0.3961
CMYK	0.00, 0.20, 0.34, 0.09
HSL	24°, 63%, 76%
HSV	24°, 34%, 91%
XYZ	56.4619, 54.1868, 38.0527
YIQ	195.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

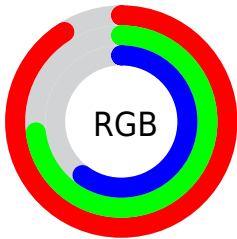
Format	Color
R _Y B	232, 205, 154
Decimal	15251866
CIE Lab	78.57, 12.68, 22.18
CIE LCh	79, 25.547, 60.231
Yxy	54.1868, 0.3797, 0.3644
Android (android.graphics.Color)	4293441946 (0xFFE8B99A)
YUV	195.5190, -20.4689, 31.9938
Hunter-Lab	73.6117, 8.0933, 20.8789

Details

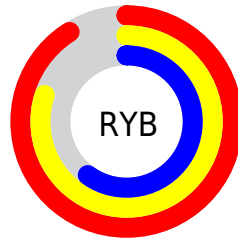
The Yxy color **54.1868, 0.3797, 0.3644** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4700, 0.2601, 0.2904**, and the grayscale version is **55.0082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7740, 0.3423, 0.3609**, and **26.5958, 0.3972, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **47.9251, 0.4064, 0.3751**, and if you desaturate by 10%, it is **61.1781, 0.3562, 0.3534**.

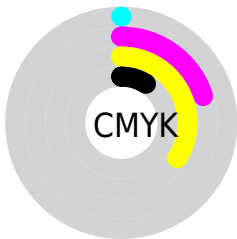
Distribution



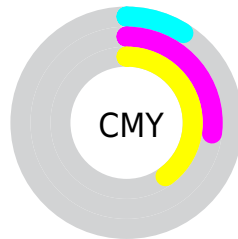
- Red (91%)
- Green (73%)
- Blue (60%)



- Red (91%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1868, 0.3797, 0.3644 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 54.1868, 0.3797, 0.3644 by changing the saturation by 10% instead.


 54.1868, 0.3797,
0.3644

 54.1868, 0.3797,
0.3644


402.8219, 0.3469,
0.3480

 38.7510, 0.3876,
0.3681


 96.3485, 0.3679,
0.3588

 26.5661, 0.3977,
0.3725


 123.8431, 0.3635,
0.3566

 17.2476, 0.4107,
0.3780


156.1262, 0.3597,
0.3546

 10.4112, 0.4281,
0.3848

193.5822, 0.3564,
0.3530

 5.6724, 0.4527,
0.3932

236.5953, 0.3536,
0.3515

 2.6469, 0.4908,
0.4041

285.5500, 0.3511,

 0.9503, 0.5716,

0.3502

0.4284

340.8308, 0.3488,
0.3491

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1868, 0.3797,
0.3644

54.1868, 0.3797,
0.3644

47.9251, 0.4064,
0.3751

61.1781, 0.3562,
0.3534

42.3603, 0.4362,
0.3847

68.9151, 0.3359,
0.3427

37.4679, 0.4682,
0.3922

77.4231, 0.3184,
0.3325

33.2193, 0.5008,
0.3962

86.7236, 0.3035,
0.3230

■ 29.5828, 0.5317,
0.3955

■ 95.8331, 0.2988,
0.3289

■ 26.5232, 0.5584,
0.3894

■ 95.8971, 0.2988,
0.3290

■ 24.8488, 0.5728,
0.3834

Harmonies

Analogous

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



54.1868, 0.3756, 0.3373



54.1868, 0.3797, 0.3644



54.1868, 0.3649, 0.3842

Triad

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



54.1868, 0.3797, 0.3644



54.1868, 0.2724, 0.3480



54.1868, 0.2869, 0.2750

Complementary

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



54.1868, 0.3797, 0.3644



54.4700, 0.2601, 0.2904

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.



54.1868, 0.2616, 0.2750



54.1868, 0.3797, 0.3644



54.1868, 0.2536, 0.3153

Square

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



54.1868, 0.3797, 0.3644



54.1868, 0.3024, 0.3763



54.1868, 0.2498, 0.2890



54.1868, 0.3204, 0.2876

Rectangle

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



54.1868, 0.3797, 0.3644



54.1868, 0.3469, 0.3898



54.1868, 0.2498, 0.2890



54.1868, 0.2772, 0.2735

Sweetspot

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



54.1893, 0.3797, 0.3644



89.0508, 0.3293, 0.3390



44.5362, 0.3434, 0.2755



18.7480, 0.3319, 0.3405



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.



54.1893, 0.3797, 0.3644



61.9397, 0.3969, 0.3715



72.2156, 0.3663, 0.4040



15.3033, 0.3282, 0.3384



14.0240, 0.5699, 0.3857



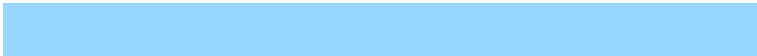
1.2137, 0.5432, 0.4069

Inverse Universe

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



54.4700, 0.2601, 0.2904



62.3179, 0.2500, 0.2815



38.9253, 0.2537, 0.2408



15.3246, 0.2981, 0.3194



13.8654, 0.1871, 0.1936



1.2049, 0.1932, 0.2154

Previews

White Background



This preview shows how the Yxy color 54.1868, 0.3797, 0.3644 looks on a white background.

Color Contrast Check

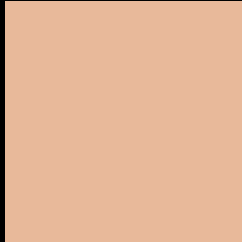
Large Text (above 18pt) WCAG AA × Fail

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 54.1868, 0.3797, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

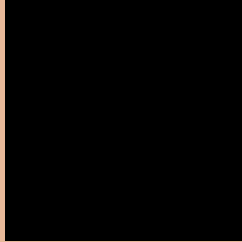
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1868, 0.3797, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 54.1868, 0.3797, 0.3644.



This preview shows how white text looks on a background with the Yxy color 54.1868, 0.3797, 0.3644.

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

54.1868, 0.3797, 0.3644

Protanopia

54.1740, 0.3506, 0.3731

Deuteranopia

54.2046, 0.3745, 0.3672



Tritanopia

53.9233, 0.3509, 0.3136

Trichromacy



Original Color

54.1868, 0.3797, 0.3644

Protanomaly

54.1430, 0.3601, 0.3697

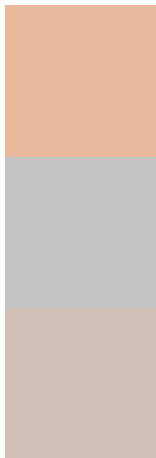
Deuteranomaly

54.1089, 0.3767, 0.3659

Tritanomaly

53.9646, 0.3618, 0.3314

Monochromacy



Original Color

54.1868, 0.3797, 0.3644

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5908, 0.3353, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1868, 0.3797, 0.3644 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(232, 185, 154)` looks like.

```
.text, #text, p{  
    color:rgb(232, 185, 154)  
}
```

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(232, 185, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 185, 154) }
```

Border

The CSS property to change the border of an element to Yxy 54.1868, 0.3797, 0.3644 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(232, 185, 154) }
```

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

```
.border{ border-color:rgb(232, 185, 154) }
```

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

Here you see how a box with a 4 pixel rgb(232, 185, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 185, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 185, 154);  
box-shadow:4px 4px 4px 4px rgb(232, 185,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1868, 0.3797, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 185, 154) }
```

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

```
.background{ background-color: rgb(232,  
185, 154) }
```

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