

Converting Colors

$Yxy(43.9775, 0.3850, 0.3486)$

Have a look what the booklet for
Yxy(43.9775, 0.3850, 0.3486)
contains.

Yxy(43.8306, 0.3854, 0.3483)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8306, 0.3854, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	DEA393
RGB	222, 163, 147
RGB Percent	87%, 64%, 58%
CMY	0.1292, 0.3608, 0.4235
CMYK	0.00, 0.27, 0.34, 0.13
HSL	13°, 53%, 72%
HSV	13°, 34%, 87%
XYZ	48.4993, 43.8306, 33.5116
YIQ	178.8170, 40.3000, 7.5320

Conversions

Conversions Part 2

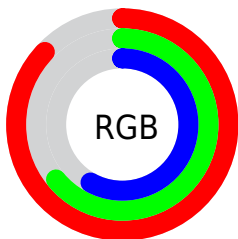
Format	Color
R _Y B	222, 167, 147
Decimal	14590867
CIE Lab	72.12, 19.74, 16.89
CIE LCh	72, 25.980, 40.547
Yxy	43.8306, 0.3854, 0.3483
Android (android.graphics.Color)	4292780947 (0xFFDEA393)
YUV	178.8170, -15.6858, 37.8715
Hunter-Lab	66.2047, 14.9049, 16.3318

Details

The Yxy color **43.8306, 0.3854, 0.3483** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6592, 0.2623, 0.3086**, and the grayscale version is **45.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6199, 0.3521, 0.3464**, and **20.2127, 0.4071, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **37.4185, 0.4166, 0.3540**, and if you desaturate by 10%, it is **51.2391, 0.3590, 0.3423**.

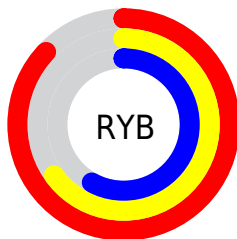
Distribution



Red (87%)

Green (64%)

Blue (58%)



Red (87%)

Yellow (65%)

Blue (58%)

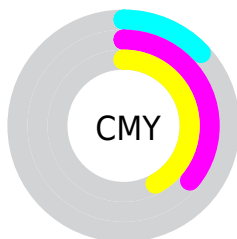


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8306, 0.3854, 0.3483 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 43.8306, 0.3854, 0.3483 by changing the saturation by 10% instead.


 43.8306, 0.3854,
0.3483

 43.8306, 0.3854,
0.3483


362.0166, 0.3483,
0.3396

 30.5374, 0.3948,
0.3501


 80.9628, 0.3718,
0.3454

 20.2468, 0.4070,
0.3523


 105.5705, 0.3667,
0.3442

 12.5746, 0.4233,
0.3547


134.7185, 0.3624,
0.3432

 7.1363, 0.4461,
0.3573

168.7912, 0.3588,
0.3423

 3.5475, 0.4801,
0.3594

208.1729, 0.3556,
0.3415

 1.4238, 0.5554,
0.3716

253.2481, 0.3529,

 0.2342, 0.7505,

0.3408

0.2495

304.4012, 0.3505,
0.3402

0.0000, 0.0000,
0.0000

43.8306, 0.3854,
0.3483

43.8306, 0.3854,
0.3483

37.4185, 0.4166,
0.3540

51.2391, 0.3590,
0.3423

31.9540, 0.4526,
0.3590

59.6780, 0.3370,
0.3365

27.3930, 0.4924,
0.3622

69.1871, 0.3188,
0.3310

23.6858, 0.5335,
0.3628

79.8024, 0.3037,
0.3259

20.7775, 0.5719,
0.3599

91.3612, 0.2928,
0.3243

■ 18.6060, 0.6026,
0.3533

■ 94.2772, 0.2929,
0.3289

■ 17.5916, 0.6170,
0.3483

Harmonies

Analogous

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



43.8306, 0.3674, 0.3179



43.8306, 0.3854, 0.3483



43.8306, 0.3824, 0.3760

Triad

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



43.8306, 0.3854, 0.3483



43.8306, 0.2891, 0.3716



43.8306, 0.2651, 0.2687

Complementary

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



43.8306, 0.3854, 0.3483



55.6592, 0.2623, 0.3086

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.



43.8306, 0.2469, 0.2784



43.8306, 0.3854, 0.3483



43.8306, 0.2601, 0.3372

Square

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



43.8306, 0.3854, 0.3483



43.8306, 0.3257, 0.3927



43.8306, 0.2451, 0.3027



43.8306, 0.2964, 0.2737

Rectangle

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



43.8306, 0.3854, 0.3483



43.8306, 0.3693, 0.3893



43.8306, 0.2451, 0.3027



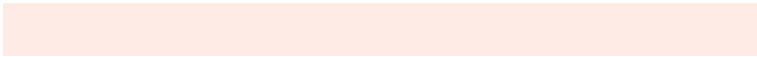
43.8306, 0.2573, 0.2702

Sweetspot

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



43.8327, 0.3854, 0.3483



86.3206, 0.3298, 0.3344



40.9149, 0.3302, 0.2606



18.0908, 0.3325, 0.3352



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.



43.8327, 0.3854, 0.3483



53.2508, 0.4084, 0.3527



58.7383, 0.3713, 0.3898



14.1710, 0.3287, 0.3341



10.5759, 0.6147, 0.3501



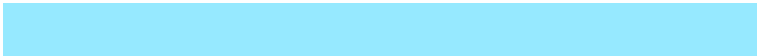
0.8633, 0.5852, 0.3736

Inverse Universe

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



55.6592, 0.2623, 0.3086



71.8802, 0.2522, 0.3033



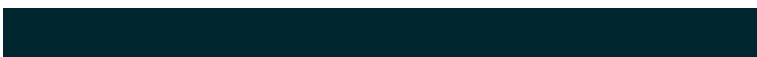
40.0510, 0.2560, 0.2595



15.0511, 0.2982, 0.3239



21.4522, 0.2054, 0.2593



1.6121, 0.2087, 0.2712

Previews

White Background



This preview shows how the Yxy color 43.8306, 0.3854, 0.3483 looks on a white background.

Color Contrast Check

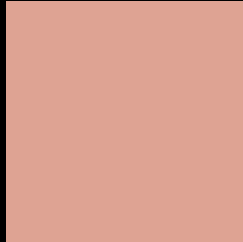
Large Text (above 18pt) WCAG AA × Fail

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 43.8306, 0.3854, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

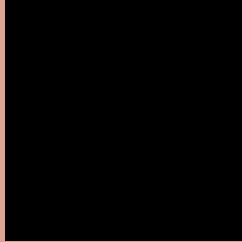
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8306, 0.3854, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 43.8306, 0.3854, 0.3483.



This preview shows how white text looks on a background with the Yxy color 43.8306, 0.3854, 0.3483.

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

43.8306, 0.3854, 0.3483

Protanopia

44.2165, 0.3401, 0.3597

Deuteranopia

43.8039, 0.3672, 0.3595



Tritanopia

43.7824, 0.3649, 0.3139

Trichromacy



Original Color

43.8306, 0.3854, 0.3483

Protanomaly

43.8815, 0.3562, 0.3562

Deuteranomaly

43.5616, 0.3741, 0.3553

Tritanomaly

43.6332, 0.3726, 0.3256

Monochromacy



Original Color

43.8306, 0.3854, 0.3483

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.2793, 0.3379, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8306, 0.3854, 0.3483 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(222, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(222, 163, 147)  
}
```

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(222, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 163, 147) }
```

Border

The CSS property to change the border of an element to Yxy 43.8306, 0.3854, 0.3483 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(222, 163, 147) }
```

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

```
.border{ border-color:rgb(222, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 163, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 163, 147); box-shadow:4px 4px 4px 4px rgb(222, 163, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8306, 0.3854, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 163, 147) }
```

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

```
.background{ background-color: rgb(222,  
163, 147) }
```

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