

Converting Colors

$Yxy(43.7939, 0.3827, 0.3592)$

Have a look what the booklet for
Yxy(43.7939, 0.3827, 0.3592)
contains.

Yxy(43.6725, 0.3822, 0.3586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.6725, 0.3822, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	D7A68E
RGB	215, 166, 142
RGB Percent	84%, 65%, 56%
CMY	0.1568, 0.3490, 0.4431
CMYK	0.00, 0.23, 0.34, 0.16
HSL	20°, 48%, 70%
HSV	20°, 34%, 84%
XYZ	46.5467, 43.6725, 31.5670
YIQ	177.9150, 36.9080, 2.9240

Conversions

Conversions Part 2

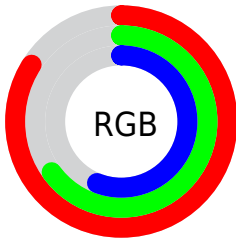
Format	Color
R _Y B	215, 178, 142
Decimal	14132878
CIE Lab	72.01, 14.76, 19.37
CIE LCh	72, 24.355, 52.687
Yxy	43.6725, 0.3822, 0.3586
Android (android.graphics.Color)	4292322958 (0xFFD7A68E)
YUV	177.9150, -17.7061, 32.5235
Hunter-Lab	66.0852, 10.0762, 17.9385

Details

The Yxy color $43.6725, 0.3822, 0.3586$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $47.9276, 0.2607, 0.2971$, and the grayscale version is $44.5559, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9584, 0.3551, 0.3546$, and $20.1783, 0.4025, 0.3651$ is the 20% darker color. If you saturate the color by 10%, you get $38.1330, 0.4105, 0.3674$, and if you desaturate by 10%, it is $49.9298, 0.3577, 0.3495$.

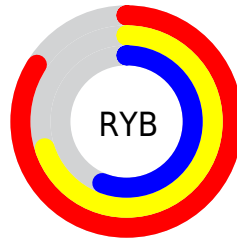
Distribution



Red (84%)

Green (65%)

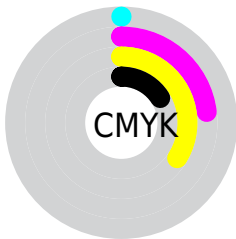
Blue (56%)



Red (84%)

Yellow (70%)

Blue (56%)

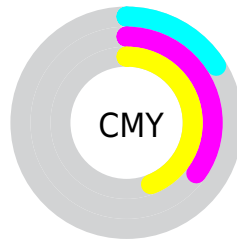


Cyan (0%)

Magenta (23%)

Yellow (34%)

Black (16%)



Cyan (16%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6725, 0.3822, 0.3586 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 43.6725, 0.3822, 0.3586 by changing the saturation by 10% instead.


 43.6725, 0.3822,
0.3586

 43.6725, 0.3822,
0.3586


361.3702, 0.3468,
0.3446


 30.4131, 0.3912,
0.3618


 80.7247, 0.3692,
0.3537

 20.1524, 0.4027,
0.3656


 105.2863, 0.3644,
0.3518

 12.5059, 0.4182,
0.3704

 134.3842, 0.3603,
0.3502

 7.0892, 0.4397,
0.3762

168.4026, 0.3568,
0.3488

 3.5179, 0.4714,
0.3829

207.7260, 0.3538,
0.3476

 1.4077, 0.5575,
0.4150

252.7388, 0.3512,

 0.2224, 0.7200,

0.3465

0.2800

303.8254, 0.3489,
0.3455

0.0000, 0.0000,
0.0000

43.6725, 0.3822,
0.3586

43.6725, 0.3822,
0.3586

38.1330, 0.4105,
0.3674

49.9298, 0.3577,
0.3495

33.2785, 0.4425,
0.3753

56.9237, 0.3367,
0.3406

29.0827, 0.4773,
0.3811

64.6801, 0.3190,
0.3322

25.5151, 0.5132,
0.3836

73.2217, 0.3039,
0.3243

22.5423, 0.5472,
0.3817

82.5704, 0.2912,
0.3171

■ 20.1271, 0.5760,
0.3749

■ 91.6723, 0.2888,
0.3265

■ 18.9143, 0.5907,
0.3692

■ 93.1897, 0.2889,
0.3289

Harmonies

Analogous

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



43.6725, 0.3730, 0.3302



43.6725, 0.3822, 0.3586



43.6725, 0.3716, 0.3815

Triad

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



43.6725, 0.3822, 0.3586



43.6725, 0.2783, 0.3567



43.6725, 0.2787, 0.2724

Complementary

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



43.6725, 0.3822, 0.3586



47.9276, 0.2607, 0.2971

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.



43.6725, 0.2559, 0.2760



43.6725, 0.3822, 0.3586



43.6725, 0.2557, 0.3231

Square

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



43.6725, 0.3822, 0.3586



43.6725, 0.3108, 0.3827



43.6725, 0.2478, 0.2937



43.6725, 0.3116, 0.2823

Rectangle

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



43.6725, 0.3822, 0.3586



43.6725, 0.3552, 0.3900



43.6725, 0.2478, 0.2937



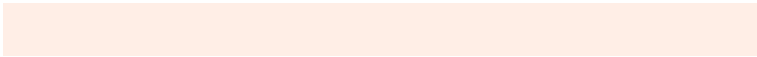
43.6725, 0.2697, 0.2720

Sweetspot

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



43.6746, 0.3822, 0.3586



88.0250, 0.3295, 0.3373



37.5968, 0.3387, 0.2697



18.5008, 0.3321, 0.3385



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.



43.6746, 0.3822, 0.3586



58.0961, 0.4029, 0.3652



58.4706, 0.3684, 0.3993



13.0808, 0.3283, 0.3367



11.4843, 0.5880, 0.3713



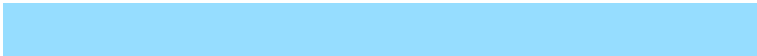
0.8420, 0.5541, 0.3983

Inverse Universe

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



47.9276, 0.2607, 0.2971



65.2685, 0.2499, 0.2888



34.2295, 0.2542, 0.2472



13.3879, 0.2982, 0.3212



15.1269, 0.1940, 0.2185



1.0607, 0.2000, 0.2398

Previews

White Background



This preview shows how the Yxy color 43.6725, 0.3822, 0.3586 looks on a white background.

Color Contrast Check

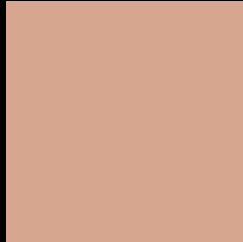
Large Text (above 18pt) WCAG AA × Fail

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 43.6725, 0.3822, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

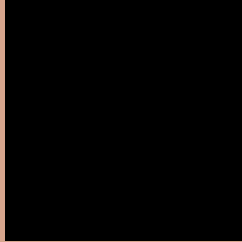
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6725, 0.3822, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 43.6725, 0.3822, 0.3586.



This preview shows how white text looks on a background with the Yxy color 43.6725, 0.3822, 0.3586.

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

43.6725, 0.3822, 0.3586

Protanopia

43.7220, 0.3473, 0.3678

Deuteranopia

43.7943, 0.3728, 0.3658



Tritanopia

43.4512, 0.3557, 0.3135

Trichromacy



Original Color

43.6725, 0.3822, 0.3586

Protanomaly

43.4197, 0.3598, 0.3642

Deuteranomaly

43.8543, 0.3761, 0.3642

Tritanomaly

43.5547, 0.3659, 0.3304

Monochromacy



Original Color

43.6725, 0.3822, 0.3586

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0651, 0.3358, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6725, 0.3822, 0.3586 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(215, 166, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 166, 142)  
}
```

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(215, 166, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 166, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.6725, 0.3822, 0.3586 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(215, 166, 142) }
```

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

```
.border{ border-color:rgb(215, 166, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 166, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 166, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 166, 142); box-shadow:4px 4px 4px 4px rgb(215, 166, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6725, 0.3822, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 166, 142) }
```

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

```
.background{ background-color: rgb(215,  
166, 142) }
```

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