

Converting Colors

$Y_{xy}(43.7281, 0.3594, 0.3939)$

Have a look what the booklet for
Yxy(43.7281, 0.3594, 0.3939)
contains.

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Color

Yxy(43.7668, 0.3594, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	B9B282
RGB	185, 178, 130
RGB Percent	73%, 70%, 51%
CMY	0.2744, 0.3020, 0.4901
CMYK	0.00, 0.04, 0.30, 0.27
HSL	52°, 28%, 62%
HSV	52°, 30%, 73%
XYZ	39.9639, 43.7668, 27.4654
YIQ	174.6210, 19.5800, -13.4440

Conversions

Conversions Part 2

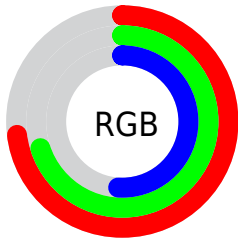
Format	Color
RYB	138, 185, 130
Decimal	12169858
CIELab	72.07, -5.04, 25.48
CIELCh	72, 25.974, 101.190
Yxy	43.7668, 0.3594, 0.3936
Android (android.graphics.Color)	4290359938 (0xFFB9B282)
YUV	174.6210, -21.9982, 9.1024
Hunter-Lab	66.1565, -7.9453, 21.6948

Details

The Yxy color **43.7668, 0.3594, 0.3936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1582, 0.2623, 0.2549**, and the grayscale version is **42.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1418, 0.3514, 0.3823**, and **20.0717, 0.3724, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **42.3817, 0.3758, 0.4151**, and if you desaturate by 10%, it is **45.2615, 0.3431, 0.3715**.

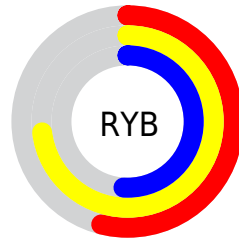
Distribution



Red (73%)

Green (70%)

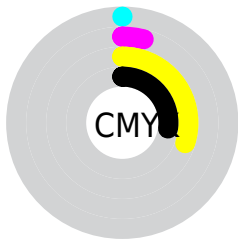
Blue (51%)



Red (54%)

Yellow (73%)

Blue (51%)

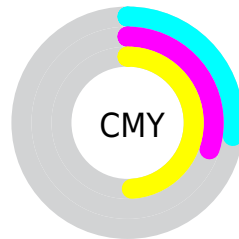


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (30%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7668, 0.3594, 0.3936 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 43.7668, 0.3594, 0.3936 by changing the saturation by 10% instead.


 43.7668, 0.3594,
0.3936


 43.7668, 0.3594,
0.3936


361.7558, 0.3362,
0.3608


 30.4872, 0.3650,
0.4018


 80.8667, 0.3511,
0.3816

 20.2087, 0.3721,
0.4124


 105.4558, 0.3479,
0.3771

 12.5468, 0.3813,
0.4264


 134.5836, 0.3452,
0.3734

 7.1172, 0.3933,
0.4455

168.6344, 0.3429,
0.3701

 3.5355, 0.4094,
0.4730

207.9926, 0.3409,
0.3673

 1.4173, 0.4555,
0.5445

253.0427, 0.3392,

 0.2294, 0.2928,

0.3649

0.7072

304.1689, 0.3376,
0.3627

■ 0.0000, 0.0000,
0.0000

■ 43.7668, 0.3594,
0.3936

■ 43.7668, 0.3594,
0.3936

■ 42.3817, 0.3758,
0.4151

■ 45.2615, 0.3431,
0.3715

■ 41.0953, 0.3917,
0.4352

■ 46.8644, 0.3273,
0.3496

■ 39.9044, 0.4065,
0.4530

■ 48.5816, 0.3123,
0.3285

■ 38.8029, 0.4195,
0.4674

■ 50.4171, 0.2984,
0.3083

■ 37.7844, 0.4301,
0.4777

■ 52.3747, 0.2855,
0.2895

■ 36.8407, 0.4381,
0.4836

■ 54.4580, 0.2738,
0.2721

■ 35.9566, 0.4436,
0.4858

■ 56.3745, 0.2657,
0.2606

■ 35.9335, 0.4438,
0.4858

■ 57.4408, 0.2660,
0.2634

■ 58.5240, 0.2663,
0.2661

Harmonies

Analogous

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



43.7668, 0.3821, 0.3765



43.7668, 0.3594, 0.3936



43.7668, 0.3249, 0.3925

Triad

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



43.7668, 0.3594, 0.3936



43.7668, 0.2450, 0.3020



43.7668, 0.3349, 0.2918

Complementary

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



43.7668, 0.3594, 0.3936



26.1582, 0.2623, 0.2549

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.



43.7668, 0.2972, 0.2739



43.7668, 0.3594, 0.3936



43.7668, 0.2471, 0.2780

Square

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



43.7668, 0.3594, 0.3936



43.7668, 0.2596, 0.3364



43.7668, 0.2656, 0.2686



43.7668, 0.3680, 0.3186

Rectangle

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



43.7668, 0.3594, 0.3936



43.7668, 0.3001, 0.3801



43.7668, 0.2656, 0.2686



43.7668, 0.3222, 0.2847

Sweetspot

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



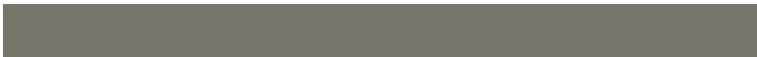
43.7688, 0.3594, 0.3936



84.0749, 0.3264, 0.3484



28.1040, 0.3691, 0.3188



18.0322, 0.3286, 0.3515



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.7688, 0.3594, 0.3936



76.6363, 0.3707, 0.4085



44.3082, 0.3386, 0.4068



10.3020, 0.3267, 0.3488



24.5322, 0.4434, 0.4861



0.9200, 0.4364, 0.4917

Inverse Universe

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



26.1582, 0.2623, 0.2549



39.7975, 0.2490, 0.2345



25.9755, 0.2804, 0.2481



8.8998, 0.2984, 0.3084



2.8820, 0.1531, 0.0710



0.1620, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 43.7668, 0.3594, 0.3936 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 43.7668, 0.3594, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

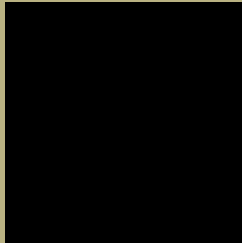
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7668, 0.3594, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 43.7668, 0.3594, 0.3936.



This preview shows how white text looks on a background with the Yxy color 43.7668, 0.3594, 0.3936.

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

43.7668, 0.3594, 0.3936

Protanopia

43.5828, 0.3658, 0.3914

Deuteranopia

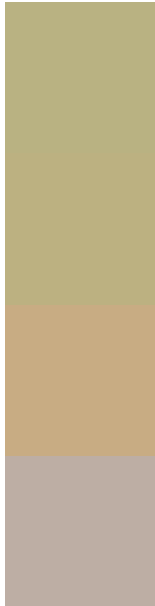
43.4518, 0.3835, 0.3756



Tritanopia

43.7930, 0.3207, 0.3124

Trichromacy



Original Color

43.7668, 0.3594, 0.3936

Protanomaly

43.7206, 0.3635, 0.3931

Deuteranomaly

43.4231, 0.3753, 0.3819

Tritanomaly

43.7713, 0.3348, 0.3422

Monochromacy



Original Color

43.7668, 0.3594, 0.3936

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1376, 0.3296, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7668, 0.3594, 0.3936 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(185, 178, 130)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 130)  
}
```

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(185, 178, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.7668, 0.3594, 0.3936 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(185, 178, 130) }
```

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

```
.border{ border-color:rgb(185, 178, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 178, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(185, 178,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7668, 0.3594, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 130) }
```

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

```
.background{ background-color: rgb(185,  
178, 130) }
```

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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