

Converting Colors

$Yxy(40.1298, 0.3840, 0.3544)$

Have a look what the booklet for
Yxy(40.1298, 0.3840, 0.3544)
contains.

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Color

Yxy(39.9903, 0.3845, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	D29E8A
RGB	210, 158, 138
RGB Percent	82%, 62%, 54%
CMY	0.1764, 0.3804, 0.4588
CMYK	0.00, 0.25, 0.34, 0.18
HSL	17°, 44%, 68%
HSV	17°, 34%, 82%
XYZ	43.3990, 39.9903, 29.4820
YIQ	171.2680, 37.4120, 4.8040

Conversions

Conversions Part 2

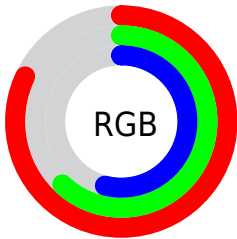
Format	Color
R _Y B	210, 166, 138
Decimal	13803146
CIE Lab	69.46, 16.65, 17.96
CIE LCh	69, 24.489, 47.174
Yxy	39.9903, 0.3845, 0.3543
Android (android.graphics.Color)	4291993226 (0xFFD29E8A)
YUV	171.2680, -16.4011, 33.9680
Hunter-Lab	63.2379, 11.8350, 16.6251

Details

The Yxy color **39.9903, 0.3845, 0.3543** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9076, 0.2610, 0.3019**, and the grayscale version is **40.9385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6101, 0.3606, 0.3517**, and **17.8827, 0.4069, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **34.5800, 0.4142, 0.3617**, and if you desaturate by 10%, it is **46.1613, 0.3591, 0.3466**.

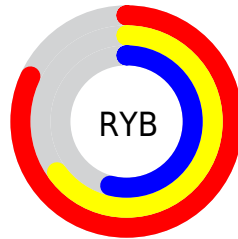
Distribution



Red (82%)

Green (62%)

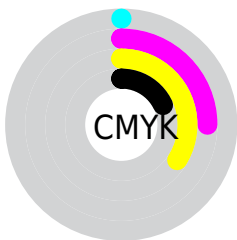
Blue (54%)



Red (82%)

Yellow (65%)

Blue (54%)

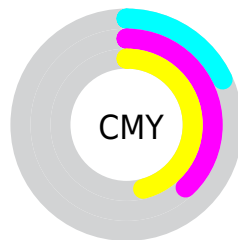


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9903, 0.3845, 0.3543 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 39.9903, 0.3845, 0.3543 by changing the saturation by 10% instead.

 39.9903, 0.3845,
0.3543


 39.9903, 0.3845,
0.3543


346.0827, 0.3474,
0.3424

 27.5310, 0.3941,
0.3570


 75.1487, 0.3707,
0.3502

 17.9724, 0.4066,
0.3602


 98.6167, 0.3657,
0.3486

 10.9302, 0.4235,
0.3641

 126.5229, 0.3614,
0.3472

 6.0199, 0.4475,
0.3686

159.2518, 0.3578,
0.3460

 2.8572, 0.4837,
0.3732

197.1879, 0.3546,
0.3449

 1.0576, 0.5922,
0.4078

240.7155, 0.3519,


 0.0000, 1.0000,


0.3440


0.0000


290.2189, 0.3495,
0.3431


 0.0000, 0.0000,
0.0000


 39.9903, 0.3845,
0.3543


 39.9903, 0.3845,
0.3543

 34.5800, 0.4142,
0.3617

 46.1613, 0.3591,
0.3466


 29.8949, 0.4480,
0.3682

 53.1158, 0.3376,
0.3391


 25.9046, 0.4850,
0.3728

 60.8822, 0.3195,
0.3319

 22.5746, 0.5232,
0.3743

 69.4863, 0.3044,
0.3253

 19.8668, 0.5591,
0.3717

 78.9522, 0.2917,
0.3192

■ 17.7387, 0.5889,
0.3646

■ 88.7078, 0.2857,
0.3228

■ 16.7583, 0.6030,
0.3594

■ 92.4455, 0.2860,
0.3289

Harmonies

Analogous

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



39.9903, 0.3713, 0.3247



39.9903, 0.3845, 0.3543



39.9903, 0.3771, 0.3797

Triad

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



39.9903, 0.3845, 0.3543



39.9903, 0.2827, 0.3636



39.9903, 0.2722, 0.2701

Complementary

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



39.9903, 0.3845, 0.3543



46.9076, 0.2610, 0.3019

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.



39.9903, 0.2513, 0.2764



39.9903, 0.3845, 0.3543



39.9903, 0.2570, 0.3292

Square

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



39.9903, 0.3845, 0.3543



39.9903, 0.3173, 0.3879



39.9903, 0.2459, 0.2972



39.9903, 0.3048, 0.2780

Rectangle

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



39.9903, 0.3845, 0.3543



39.9903, 0.3619, 0.3905



39.9903, 0.2459, 0.2972



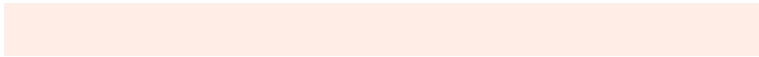
39.9903, 0.2637, 0.2706

Sweetspot

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



39.9922, 0.3845, 0.3543



87.2671, 0.3297, 0.3360



35.6409, 0.3353, 0.2652



18.3183, 0.3323, 0.3370



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.



39.9922, 0.3845, 0.3543



55.8988, 0.4053, 0.3597



53.7799, 0.3702, 0.3959



12.3345, 0.3284, 0.3355



10.3660, 0.6004, 0.3615



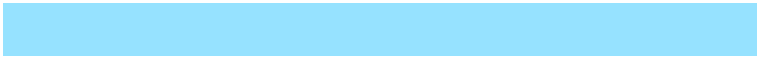
0.7140, 0.5636, 0.3907

Inverse Universe

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



46.9076, 0.2610, 0.3019



68.1376, 0.2509, 0.2953



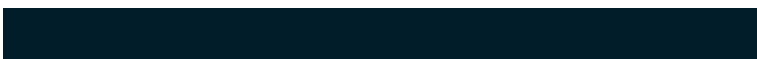
33.4415, 0.2544, 0.2516



12.8294, 0.2983, 0.3224



16.6622, 0.1991, 0.2369



1.0612, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 39.9903, 0.3845, 0.3543 looks on a white background.

Color Contrast Check

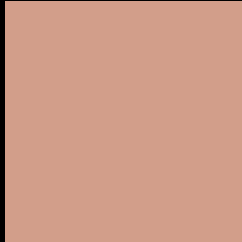
Large Text (above 18pt) WCAG AA × Fail

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 39.9903, 0.3845, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

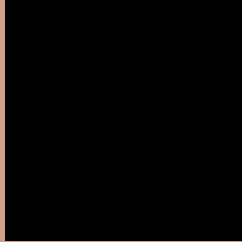
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9903, 0.3845, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 39.9903, 0.3845, 0.3543.



This preview shows how white text looks on a background with the Yxy color 39.9903, 0.3845, 0.3543.

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

39.9903, 0.3845, 0.3543

Protanopia

40.3468, 0.3438, 0.3651

Deuteranopia

40.0063, 0.3714, 0.3632



Tritanopia

40.0105, 0.3605, 0.3144

Trichromacy



Original Color

39.9903, 0.3845, 0.3543

Protanomaly

40.1726, 0.3576, 0.3613

Deuteranomaly

39.8524, 0.3762, 0.3602

Tritanomaly

39.8400, 0.3694, 0.3279

Monochromacy



Original Color

39.9903, 0.3845, 0.3543

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0899, 0.3369, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9903, 0.3845, 0.3543 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(210, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 138)  
}
```

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(210, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.9903, 0.3845, 0.3543 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(210, 158, 138) }
```

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

```
.border{ border-color:rgb(210, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9903, 0.3845, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 138) }
```

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

```
.background{ background-color: rgb(210,  
158, 138) }
```

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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