

Converting Colors

$Yxy(51.3029, 0.3782, 0.3558)$

Have a look what the booklet for
Yxy(51.3029, 0.3782, 0.3558)
contains.

Yxy(51.2985, 0.3774, 0.3557)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.2985, 0.3774, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	E5B39C
RGB	229, 179, 156
RGB Percent	90%, 70%, 61%
CMY	0.1021, 0.2980, 0.3882
CMYK	0.00, 0.22, 0.32, 0.10
HSL	19°, 58%, 75%
HSV	19°, 32%, 90%
XYZ	54.4280, 51.2985, 38.4919
YIQ	191.3280, 37.1830, 3.4470

Conversions

Conversions Part 2

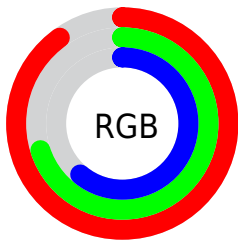
Format	Color
R _Y B	229, 190, 156
Decimal	15053724
CIE Lab	76.86, 14.95, 18.69
CIE LCh	77, 23.931, 51.337
Yxy	51.2985, 0.3774, 0.3557
Android (android.graphics.Color)	4293243804 (0xFFE5B39C)
YUV	191.3280, -17.4167, 33.0383
Hunter-Lab	71.6230, 10.3063, 18.2722

Details

The Yxy color **51.2985, 0.3774, 0.3557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8535, 0.2638, 0.3005**, and the grayscale version is **52.3884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3798, 0.3420, 0.3531**, and **24.7123, 0.3948, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **44.6646, 0.4054, 0.3643**, and if you desaturate by 10%, it is **58.7980, 0.3533, 0.3469**.

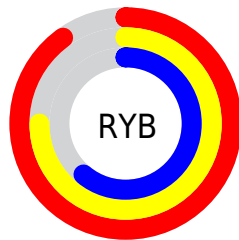
Distribution



Red (90%)

Green (70%)

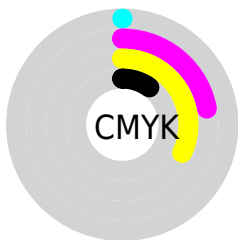
Blue (61%)



Red (90%)

Yellow (75%)

Blue (61%)

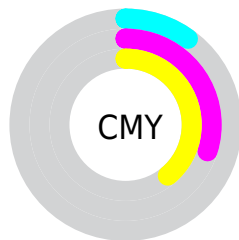


Cyan (0%)

Magenta (22%)

Yellow (32%)

Black (10%)



Cyan (10%)


Magenta (30%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2985, 0.3774, 0.3557 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 51.2985, 0.3774, 0.3557 by changing the saturation by 10% instead.


 51.2985, 0.3774,
0.3557

 51.2985, 0.3774,
0.3557


391.7224, 0.3453,
0.3434

 36.4462, 0.3853,
0.3584


 92.0959, 0.3658,
0.3515

 24.7790, 0.3953,
0.3617


 118.8097, 0.3615,
0.3498

 15.9125, 0.4085,
0.3658


150.2462, 0.3577,
0.3484

 9.4623, 0.4264,
0.3708

186.7898, 0.3546,
0.3471

 5.0439, 0.4522,
0.3767

228.8248, 0.3518,
0.3460

 2.2730, 0.4933,
0.3841

276.7356, 0.3494,

 0.7594, 0.5941,

0.3451

0.4059

330.9067, 0.3472,
0.3442

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2985, 0.3774,
0.3557

51.2985, 0.3774,
0.3557

44.6646, 0.4054,
0.3643

58.7980, 0.3533,
0.3469

38.8571, 0.4373,
0.3721

67.1862, 0.3329,
0.3384

33.8442, 0.4724,
0.3781

76.4943, 0.3156,
0.3304

29.5891, 0.5090,
0.3810

86.7497, 0.3011,
0.3230

■ 26.0517, 0.5443,
0.3798

■ 95.3933, 0.2970,
0.3290

■ 23.1876, 0.5748,
0.3737

■ 21.3122, 0.5947,
0.3660

Harmonies

Analogous

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



51.2985, 0.3680, 0.3291



51.2985, 0.3774, 0.3557



51.2985, 0.3684, 0.3773

Triad

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



51.2985, 0.3774, 0.3557



51.2985, 0.2819, 0.3560



51.2985, 0.2798, 0.2760

Complementary

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



51.2985, 0.3774, 0.3557



56.8535, 0.2638, 0.3005

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.



51.2985, 0.2590, 0.2800



51.2985, 0.3774, 0.3557



51.2985, 0.2601, 0.3250

Square

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



51.2985, 0.3774, 0.3557



51.2985, 0.3125, 0.3795



51.2985, 0.2520, 0.2972



51.2985, 0.3102, 0.2846

Rectangle

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



51.2985, 0.3774, 0.3557



51.2985, 0.3536, 0.3855



51.2985, 0.2520, 0.2972



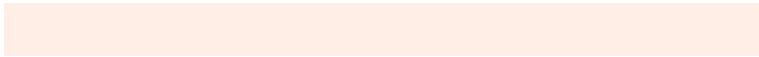
51.2985, 0.2715, 0.2758

Sweetspot

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



51.3009, 0.3774, 0.3557



87.8263, 0.3295, 0.3370



44.9447, 0.3357, 0.2720



18.4529, 0.3322, 0.3381



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.



51.3009, 0.3774, 0.3557



59.9767, 0.3948, 0.3612



67.3398, 0.3653, 0.3939



15.1057, 0.3285, 0.3365



12.3794, 0.5919, 0.3682



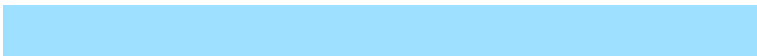
1.0767, 0.5633, 0.3909

Inverse Universe

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



56.8535, 0.2638, 0.3005



68.0530, 0.2545, 0.2938



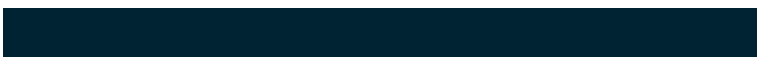
41.7026, 0.2582, 0.2543



15.5297, 0.2981, 0.3214



17.2088, 0.1953, 0.2229



1.4365, 0.2001, 0.2403

Previews

White Background



This preview shows how the Yxy color 51.2985, 0.3774, 0.3557 looks on a white background.

Color Contrast Check

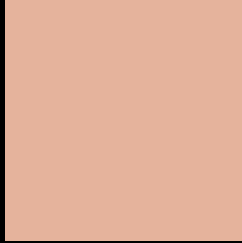
Large Text (above 18pt) WCAG AA × Fail

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 51.2985, 0.3774, 0.3557 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 51.2985, 0.3774, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 51.2985, 0.3774, 0.3557.



This preview shows how white text looks on a background with the Yxy color 51.2985, 0.3774, 0.3557.

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

51.2985, 0.3774, 0.3557

Protanopia

51.6795, 0.3440, 0.3653

Deuteranopia

51.4492, 0.3688, 0.3623



Tritanopia

51.0587, 0.3528, 0.3133

Trichromacy



Original Color

51.2985, 0.3774, 0.3557

Protanomaly

51.4699, 0.3564, 0.3619

Deuteranomaly

51.5104, 0.3718, 0.3609

Tritanomaly

51.1742, 0.3622, 0.3291

Monochromacy



Original Color

51.2985, 0.3774, 0.3557

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7341, 0.3351, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2985, 0.3774, 0.3557 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(229, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 156)  
}
```

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(229, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 156) }
```

Border

The CSS property to change the border of an element to Yxy 51.2985, 0.3774, 0.3557 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(229, 179, 156) }
```

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

```
.border{ border-color:rgb(229, 179, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2985, 0.3774, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 156) }
```

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

```
.background{ background-color: rgb(229,  
179, 156) }
```

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