

Converting Colors

$Yxy(45.1212, 0.3588, 0.3436)$

Have a look what the booklet for
Yxy(45.1212, 0.3588, 0.3436)
contains.

Yxy(45.1843, 0.3587, 0.3440)	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(45.1843, 0.3587, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	D1AB9F
RGB	209, 171, 159
RGB Percent	82%, 67%, 62%
CMY	0.1804, 0.3294, 0.3764
CMYK	0.00, 0.18, 0.24, 0.18
HSL	14°, 35%, 72%
HSV	14°, 24%, 82%
XYZ	47.1151, 45.1843, 39.0503
YIQ	180.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

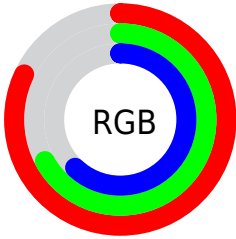
Format	Color
R _Y B	209, 175, 159
Decimal	13740959
CIE Lab	73.01, 12.03, 11.37
CIE LCh	73, 16.558, 43.387
Yxy	45.1843, 0.3587, 0.3440
Android (android.graphics.Color)	4291931039 (0xFFD1AB9F)
YUV	180.9940, -10.8430, 24.5613
Hunter-Lab	67.2193, 7.4800, 12.6096

Details

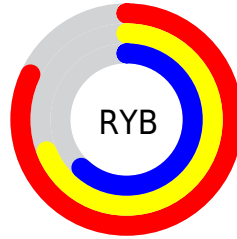
The Yxy color **45.1843, 0.3587, 0.3440** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9138, 0.2764, 0.3135**, and the grayscale version is **46.2555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5078, 0.3414, 0.3411**, and **21.1464, 0.3719, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **38.8748, 0.3846, 0.3507**, and if you desaturate by 10%, it is **52.3421, 0.3370, 0.3375**.

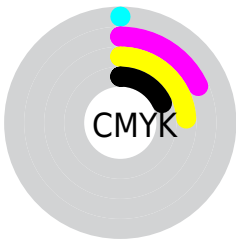
Distribution



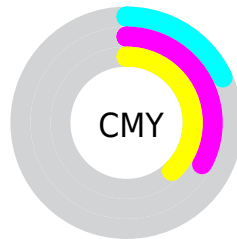
- Red (82%)
- Green (67%)
- Blue (62%)



- Red (82%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1843, 0.3587, 0.3440 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 45.1843, 0.3587, 0.3440 by changing the saturation by 10% instead.


 45.1843, 0.3587,
0.3440


 45.1843, 0.3587,
0.3440


367.5195, 0.3354,
0.3369

 31.6026, 0.3646,
0.3457


 82.9969, 0.3502,
0.3415

 21.0582, 0.3722,
0.3477


 107.9966, 0.3470,
0.3405

 13.1665, 0.3825,
0.3503


137.5711, 0.3443,
0.3397

 7.5433, 0.3969,
0.3536

172.1048, 0.3420,
0.3390

 3.8041, 0.4185,
0.3579

211.9821, 0.3400,
0.3384

 1.5646, 0.4559,
0.3641

257.5874, 0.3383,

 0.3336, 0.6468,

0.3378

0.3532

309.3050, 0.3368,
0.3373

0.0000, 0.0000,
0.0000

45.1843, 0.3587,
0.3440

45.1843, 0.3587,
0.3440

38.8748, 0.3846,
0.3507

52.3421, 0.3370,
0.3375

33.3758, 0.4150,
0.3571

60.3719, 0.3189,
0.3313

28.6557, 0.4499,
0.3627

69.3043, 0.3039,
0.3256

24.6784, 0.4884,
0.3666

79.1663, 0.2913,
0.3203

21.4048, 0.5282,
0.3676

89.4229, 0.2852,
0.3242

■ 18.7921, 0.5657,
0.3648

■ 92.2940, 0.2855,
0.3289

■ 16.7922, 0.5963,
0.3581

■ 15.8448, 0.6112,
0.3529

Harmonies

Analogous

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



45.1843, 0.3486, 0.3242



45.1843, 0.3587, 0.3440



45.1843, 0.3559, 0.3609

Triad

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



45.1843, 0.3587, 0.3440



45.1843, 0.2960, 0.3535



45.1843, 0.2840, 0.2900

Complementary

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



45.1843, 0.3587, 0.3440



51.9138, 0.2764, 0.3135

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.



45.1843, 0.2711, 0.2960



45.1843, 0.3587, 0.3440



45.1843, 0.2778, 0.3324

Square

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



45.1843, 0.3587, 0.3440



45.1843, 0.3192, 0.3676



45.1843, 0.2688, 0.3112



45.1843, 0.3049, 0.2939

Rectangle

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



45.1843, 0.3587, 0.3440



45.1843, 0.3472, 0.3681



45.1843, 0.2688, 0.3112



45.1843, 0.2786, 0.2909

Sweetspot

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



45.1864, 0.3587, 0.3440



90.5487, 0.3243, 0.3332



42.4057, 0.3257, 0.2830



19.2138, 0.3254, 0.3336



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.



45.1864, 0.3587, 0.3440



65.3447, 0.3722, 0.3476



55.3879, 0.3520, 0.3733



12.2619, 0.3285, 0.3346



9.8994, 0.6088, 0.3548



0.6797, 0.5721, 0.3840

Inverse Universe

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



51.9138, 0.2764, 0.3135



77.7737, 0.2685, 0.3095



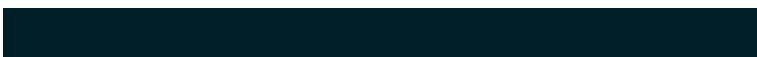
41.6150, 0.2737, 0.2803



12.9066, 0.2983, 0.3233



18.2624, 0.2028, 0.2501



1.1396, 0.2073, 0.2663

Previews

White Background



This preview shows how the Yxy color 45.1843, 0.3587, 0.3440 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 45.1843, 0.3587, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

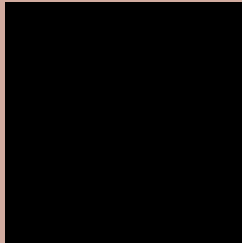
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1843, 0.3587, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 45.1843, 0.3587, 0.3440.



This preview shows how white text looks on a background with the Yxy color 45.1843, 0.3587, 0.3440.

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

45.1843, 0.3587, 0.3440

Protanopia

45.3236, 0.3321, 0.3502

Deuteranopia

45.2277, 0.3535, 0.3468



Tritanopia

45.3385, 0.3421, 0.3133

Trichromacy



Original Color

45.1843, 0.3587, 0.3440

Protanomaly

45.1286, 0.3408, 0.3472

Deuteranomaly

45.1301, 0.3556, 0.3454

Tritanomaly

45.2419, 0.3482, 0.3242

Monochromacy



Original Color

45.1843, 0.3587, 0.3440

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5378, 0.3284, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1843, 0.3587, 0.3440 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(209, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 159)  
}
```

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(209, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.1843, 0.3587, 0.3440 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(209, 171, 159) }
```

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

```
.border{ border-color:rgb(209, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1843, 0.3587, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 159) }
```

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

```
.background{ background-color: rgb(209,  
171, 159) }
```

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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