

Converting Colors

$Yxy(44.8064, 0.3575, 0.3437)$

Have a look what the booklet for
Yxy(44.8064, 0.3575, 0.3437)
contains.

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Color

Yxy(44.8944, 0.3568, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	CFAB9F
RGB	207, 171, 159
RGB Percent	81%, 67%, 62%
CMY	0.1883, 0.3294, 0.3764
CMYK	0.00, 0.17, 0.23, 0.19
HSL	15°, 33%, 72%
HSV	15°, 23%, 81%
XYZ	46.5514, 44.8944, 39.0233
YIQ	180.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

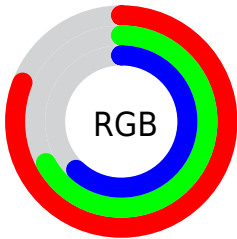
Format	Color
R _Y B	207, 175, 159
Decimal	13609887
CIE Lab	72.82, 11.27, 11.08
CIE LCh	73, 15.803, 44.505
Yxy	44.8944, 0.3568, 0.3441
Android (android.graphics.Color)	4291799967 (0xFFCFAB9F)
YUV	180.3960, -10.5482, 23.3317
Hunter-Lab	67.0033, 6.7593, 12.3713

Details

The Yxy color **44.8944, 0.3568, 0.3441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9078, 0.2775, 0.3134**, and the grayscale version is **45.9145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5078, 0.3414, 0.3411**, and **20.9518, 0.3693, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **38.7113, 0.3822, 0.3511**, and if you desaturate by 10%, it is **51.8909, 0.3355, 0.3373**.

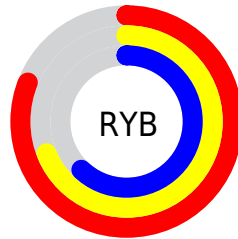
Distribution



Red (81%)

Green (67%)

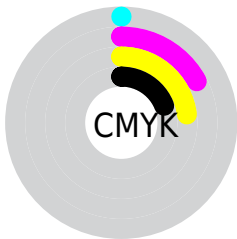
Blue (62%)



Red (81%)

Yellow (69%)

Blue (62%)

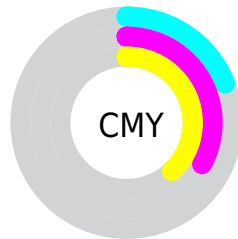


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (19%)



Cyan (19%)


Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8944, 0.3568, 0.3441 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 44.8944, 0.3568, 0.3441 by changing the saturation by 10% instead.


 44.8944, 0.3568,
0.3441

 44.8944, 0.3568,
0.3441


366.3457, 0.3344,
0.3369

 31.3743, 0.3625,
0.3458


 82.5619, 0.3486,
0.3416

 20.8840, 0.3698,
0.3479


 107.4781, 0.3456,
0.3406

 13.0392, 0.3796,
0.3506


136.9617, 0.3430,
0.3397

 7.4556, 0.3935,
0.3540

171.3972, 0.3408,
0.3390

 3.7486, 0.4145,
0.3586

211.1690, 0.3389,
0.3384

 1.5340, 0.4508,
0.3655

256.6614, 0.3372,

 0.3124, 0.6468,

0.3378

0.3532

308.2588, 0.3357,
0.3373

0.0000, 0.0000,
0.0000

44.8944, 0.3568,
0.3441

44.8944, 0.3568,
0.3441

38.7113, 0.3822,
0.3511

51.8909, 0.3355,
0.3373

33.3059, 0.4120,
0.3578

59.7229, 0.3177,
0.3309

28.6484, 0.4462,
0.3637

68.4191, 0.3029,
0.3250

24.7051, 0.4841,
0.3680

78.0053, 0.2905,
0.3196

21.4394, 0.5234,
0.3694

88.0121, 0.2840,
0.3223

■ 18.8113, 0.5609,
0.3671

■ 92.0032, 0.2844,
0.3289

■ 16.7761, 0.5920,
0.3605

■ 15.6945, 0.6089,
0.3547

Harmonies

Analogous

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



44.8944, 0.3476, 0.3251



44.8944, 0.3568, 0.3441



44.8944, 0.3537, 0.3600

Triad

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



44.8944, 0.3568, 0.3441



44.8944, 0.2960, 0.3518



44.8944, 0.2859, 0.2916

Complementary

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



44.8944, 0.3568, 0.3441



50.9078, 0.2775, 0.3134

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.



44.8944, 0.2731, 0.2971



44.8944, 0.3568, 0.3441



44.8944, 0.2788, 0.3315

Square

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



44.8944, 0.3568, 0.3441



44.8944, 0.3181, 0.3655



44.8944, 0.2706, 0.3114



44.8944, 0.3061, 0.2956

Rectangle

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



44.8944, 0.3568, 0.3441



44.8944, 0.3451, 0.3666



44.8944, 0.2706, 0.3114



44.8944, 0.2806, 0.2924

Sweetspot

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



44.8965, 0.3568, 0.3441



90.6558, 0.3243, 0.3334



42.0439, 0.3252, 0.2845



19.2386, 0.3254, 0.3338



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.



44.8965, 0.3568, 0.3441



66.6836, 0.3694, 0.3477



54.4378, 0.3506, 0.3719



12.2814, 0.3284, 0.3349



10.0177, 0.6066, 0.3566



0.6886, 0.5698, 0.3858

Inverse Universe

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



50.9078, 0.2775, 0.3134



78.0209, 0.2699, 0.3094



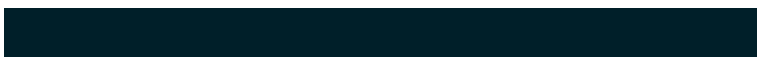
41.3118, 0.2750, 0.2821



12.8858, 0.2983, 0.3231



17.8225, 0.2018, 0.2466



1.1181, 0.2065, 0.2635

Previews

White Background



This preview shows how the Yxy color 44.8944, 0.3568, 0.3441 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 44.8944, 0.3568, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

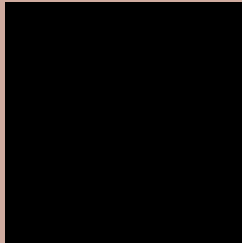
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8944, 0.3568, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 44.8944, 0.3568, 0.3441.



This preview shows how white text looks on a background with the Yxy color 44.8944, 0.3568, 0.3441.

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

44.8944, 0.3568, 0.3441

Protanopia

44.9242, 0.3322, 0.3489

Deuteranopia

44.8456, 0.3537, 0.3455



Tritanopia

45.0431, 0.3402, 0.3132

Trichromacy



Original Color

44.8944, 0.3568, 0.3441

Protanomaly

44.7379, 0.3410, 0.3459

Deuteranomaly

44.9874, 0.3547, 0.3455

Tritanomaly

44.9484, 0.3464, 0.3242

Monochromacy



Original Color

44.8944, 0.3568, 0.3441

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3700, 0.3284, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8944, 0.3568, 0.3441 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(207, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 159) }
```

Border

The CSS property to change the border of an element to Yxy 44.8944, 0.3568, 0.3441 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(207, 171, 159) }
```

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

```
.border{ border-color:rgb(207, 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(207, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8944, 0.3568, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 159) }
```

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

```
.background{ background-color: rgb(207,  
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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