

Converting Colors

Yxy(38.9548, 0.3594, 0.3403)

Have a look what the booklet for
Yxy(38.9548, 0.3594, 0.3403)
contains.

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Color

Yxy(39.0040, 0.3600, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	C69F96
RGB	198, 159, 150
RGB Percent	78%, 62%, 59%
CMY	0.2236, 0.3764, 0.4117
CMYK	0.00, 0.20, 0.24, 0.22
HSL	11°, 30%, 68%
HSV	11°, 24%, 78%
XYZ	41.1893, 39.0040, 34.2215
YIQ	169.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

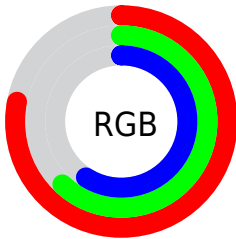
Format	Color
RYB	198, 161, 150
Decimal	13016982
CIELab	68.75, 13.05, 10.15
CIElCh	69, 16.533, 37.864
Yxy	39.0040, 0.3600, 0.3409
Android (android.graphics.Color)	4291207062 (0xFFC69F96)
YUV	169.6350, -9.6801, 24.8761
Hunter-Lab	62.4532, 8.4318, 11.2290

Details

The Yxy color **39.0040, 0.3600, 0.3409** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9550, 0.2764, 0.3167**, and the grayscale version is **40.0475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7128, 0.3507, 0.3393**, and **17.2559, 0.3750, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **33.2426, 0.3867, 0.3461**, and if you desaturate by 10%, it is **45.5970, 0.3378, 0.3358**.

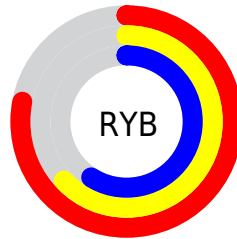
Distribution



Red (78%)

Green (62%)

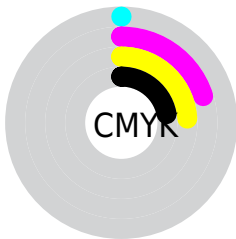
Blue (59%)



Red (78%)

Yellow (63%)

Blue (59%)

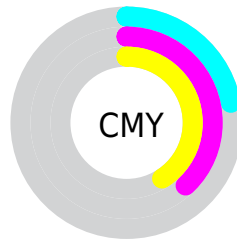


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0040, 0.3600, 0.3409 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 39.0040, 0.3600, 0.3409 by changing the saturation by 10% instead.


 39.0040, 0.3600,
0.3409


 39.0040, 0.3600,
0.3409


341.9075, 0.3355,
0.3352

 26.7628, 0.3664,
0.3422


 73.6444, 0.3509,
0.3389

 17.3952, 0.3748,
0.3438


 96.8125, 0.3475,
0.3381

 10.5167, 0.3864,
0.3459


124.3916, 0.3447,
0.3375

 5.7428, 0.4030,
0.3484

156.7663, 0.3423,
0.3369

 2.6893, 0.4292,
0.3515

194.3208, 0.3402,
0.3364

 0.9718, 0.4978,
0.3704

237.4395, 0.3384,

 0.0000, 1.0000,

0.3360

0.0000

286.5070, 0.3368,
0.3356

0.0000, 0.0000,
0.0000

39.0040, 0.3600,
0.3409

39.0040, 0.3600,
0.3409

33.2426, 0.3867,
0.3461

45.5970, 0.3378,
0.3358

28.2743, 0.4184,
0.3511

53.0473, 0.3195,
0.3309

24.0657, 0.4550,
0.3554

61.3861, 0.3043,
0.3265

20.5789, 0.4956,
0.3581

70.6417, 0.2918,
0.3224

17.7726, 0.5374,
0.3585

80.8407, 0.2814,
0.3186

■ 15.6012, 0.5762,
0.3556

■ 90.7430, 0.2794,
0.3289

■ 14.0132, 0.6069,
0.3494

■ 13.3324, 0.6206,
0.3455

Harmonies

Analogous

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



39.0040, 0.3471, 0.3202



39.0040, 0.3600, 0.3409



39.0040, 0.3595, 0.3596

Triad

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



39.0040, 0.3600, 0.3409



39.0040, 0.2995, 0.3583



39.0040, 0.2794, 0.2885

Complementary

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



39.0040, 0.3600, 0.3409



46.9550, 0.2764, 0.3167

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.



39.0040, 0.2678, 0.2967



39.0040, 0.3600, 0.3409



39.0040, 0.2790, 0.3369

Square

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



39.0040, 0.3600, 0.3409



39.0040, 0.3240, 0.3709



39.0040, 0.2677, 0.3141



39.0040, 0.3000, 0.2908

Rectangle

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



39.0040, 0.3600, 0.3409



39.0040, 0.3519, 0.3683



39.0040, 0.2677, 0.3141



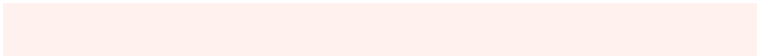
39.0040, 0.2743, 0.2901

Sweetspot

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



39.0058, 0.3600, 0.3409



89.9952, 0.3244, 0.3323



37.5057, 0.3236, 0.2797



19.0860, 0.3255, 0.3326



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.



39.0058, 0.3600, 0.3409



63.5871, 0.3733, 0.3436



47.9879, 0.3531, 0.3709



10.9532, 0.3285, 0.3334



8.7660, 0.6186, 0.3470



0.5149, 0.5797, 0.3779

Inverse Universe

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



46.9550, 0.2764, 0.3167



80.0447, 0.2690, 0.3138



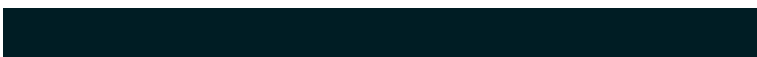
37.5488, 0.2736, 0.2832



11.7166, 0.2984, 0.3246



19.3220, 0.2079, 0.2685



1.0048, 0.2118, 0.2824

Previews

White Background



This preview shows how the Yxy color 39.0040, 0.3600, 0.3409 looks on a white background.

Color Contrast Check

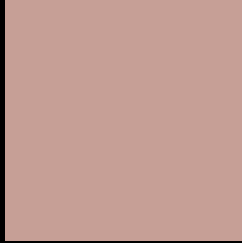
Large Text (above 18pt) WCAG AA × Fail

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 39.0040, 0.3600, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

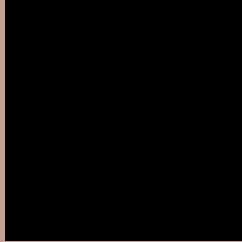
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0040, 0.3600, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 39.0040, 0.3600, 0.3409.



This preview shows how white text looks on a background with the Yxy color 39.0040, 0.3600, 0.3409.

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

39.0040, 0.3600, 0.3409

Protanopia

38.9692, 0.3307, 0.3473

Deuteranopia

39.0870, 0.3531, 0.3465



Tritanopia

38.8834, 0.3451, 0.3137

Trichromacy



Original Color

39.0040, 0.3600, 0.3409

Protanomaly

38.9181, 0.3409, 0.3441

Deuteranomaly

39.1290, 0.3564, 0.3450

Tritanomaly

38.8293, 0.3507, 0.3239

Monochromacy



Original Color

39.0040, 0.3600, 0.3409

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6201, 0.3285, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0040, 0.3600, 0.3409 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(198, 159, 150)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 150)  
}
```

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(198, 159, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.0040, 0.3600, 0.3409 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(198, 159, 150) }
```

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

```
.border{ border-color:rgb(198, 159, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 150);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0040, 0.3600, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 150) }
```

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

```
.background{ background-color: rgb(198,  
159, 150) }
```

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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