

Converting Colors

Yxy(38.9142, 0.3640, 0.3330)

Have a look what the booklet for
Yxy(38.9142, 0.3640, 0.3330)
contains.

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Color

Yxy(38.9142, 0.3640, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	CC9C99
RGB	204, 156, 153
RGB Percent	80%, 61%, 60%
CMY	0.2001, 0.3882, 0.4000
CMYK	0.00, 0.24, 0.25, 0.20
HSL	4°, 33%, 70%
HSV	4°, 25%, 80%
XYZ	42.5368, 38.9142, 35.4084
YIQ	170.0100, 29.5710, 9.2430

Conversions

Conversions Part 2

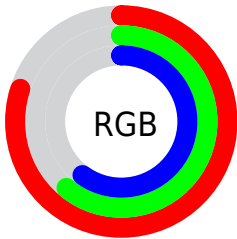
Format	Color
RYB	204, 156, 153
Decimal	13409433
CIELab	68.69, 17.41, 8.48
CIElCh	69, 19.370, 25.966
Yxy	38.9142, 0.3640, 0.3330
Android (android.graphics.Color)	4291599513 (0xFFCC9C99)
YUV	170.0100, -8.3859, 29.8092
Hunter-Lab	62.3812, 12.5493, 10.0131

Details

The Yxy color **38.9142, 0.3640, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8943, 0.2760, 0.3250**, and the grayscale version is **40.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3535, 0.3490, 0.3332**, and **17.4520, 0.3802, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **32.3568, 0.3933, 0.3347**, and if you desaturate by 10%, it is **46.6085, 0.3401, 0.3313**.

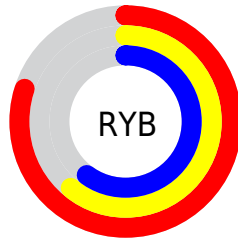
Distribution



Red (80%)

Green (61%)

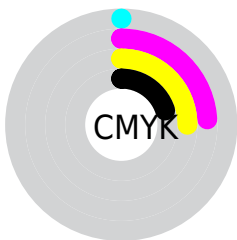
Blue (60%)



Red (80%)

Yellow (61%)

Blue (60%)

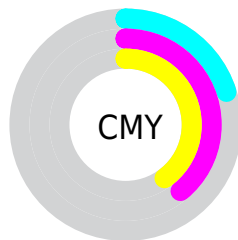


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9142, 0.3640, 0.3330 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 38.9142, 0.3640, 0.3330 by changing the saturation by 10% instead.


 38.9142, 0.3640,
0.3330


 38.9142, 0.3640,
0.3330


341.5256, 0.3374,
0.3314

 26.6930, 0.3710,
0.3332


 73.5072, 0.3541,
0.3325

 17.3428, 0.3801,
0.3335


 96.6478, 0.3504,
0.3323

 10.4792, 0.3927,
0.3336


124.1970, 0.3474,
0.3321

 5.7178, 0.4108,
0.3334

156.5392, 0.3448,
0.3320

 2.6743, 0.4393,
0.3321

194.0587, 0.3425,
0.3318

 0.9641, 0.5044,
0.3368

237.1401, 0.3406,


 0.0000, 1.0000,

0.3317

0.0000


286.1675, 0.3389,
0.3315

 0.0000, 0.0000,
0.0000


 38.9142, 0.3640,
0.3330


 38.9142, 0.3640,
0.3330

 32.3568, 0.3933,
0.3347


 46.6085, 0.3401,
0.3313


 26.8772, 0.4288,
0.3363


 55.4843, 0.3209,
0.3297


 22.4195, 0.4702,
0.3376

 65.5904, 0.3053,
0.3283

 18.9204, 0.5159,
0.3382

 76.9713, 0.2928,
0.3270

 16.3094, 0.5616,
0.3378

 89.6691, 0.2825,
0.3258

■ 14.5066, 0.6010,
0.3363

■ 91.5749, 0.2827,
0.3289

■ 13.4176, 0.6276,
0.3337

■ 13.0986, 0.6363,
0.3330

Harmonies

Analogous

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



38.9142, 0.3436, 0.3097



38.9142, 0.3640, 0.3330



38.9142, 0.3699, 0.3564

Triad

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



38.9142, 0.3640, 0.3330



38.9142, 0.3082, 0.3711



38.9142, 0.2670, 0.2840

Complementary

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



38.9142, 0.3640, 0.3330



52.8943, 0.2760, 0.3250

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.



38.9142, 0.2586, 0.2979



38.9142, 0.3640, 0.3330



38.9142, 0.2817, 0.3489

Square

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



38.9142, 0.3640, 0.3330



38.9142, 0.3368, 0.3803



38.9142, 0.2639, 0.3215



38.9142, 0.2872, 0.2821

Rectangle

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



38.9142, 0.3640, 0.3330



38.9142, 0.3647, 0.3693



38.9142, 0.2639, 0.3215



38.9142, 0.2627, 0.2874

Sweetspot

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



38.9160, 0.3640, 0.3330



88.6503, 0.3246, 0.3301



39.8569, 0.3179, 0.2702



18.7756, 0.3257, 0.3302



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.



38.9160, 0.3640, 0.3330



58.3659, 0.3791, 0.3339



48.2004, 0.3565, 0.3642



11.3180, 0.3289, 0.3304



8.2922, 0.6352, 0.3338



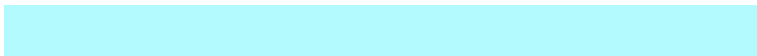
0.4658, 0.6194, 0.3464

Inverse Universe

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



52.8943, 0.2760, 0.3250



85.4199, 0.2688, 0.3240



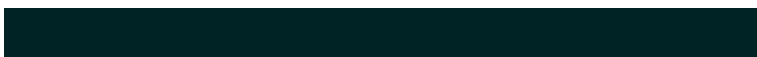
42.1611, 0.2730, 0.2910



12.6093, 0.2984, 0.3276



26.5131, 0.2196, 0.3107



1.4030, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 38.9142, 0.3640, 0.3330 looks on a white background.

Color Contrast Check

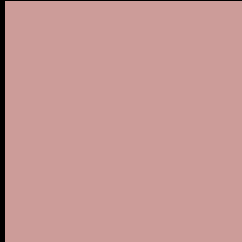
Large Text (above 18pt) WCAG AA × Fail

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 38.9142, 0.3640, 0.3330 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 38.9142, 0.3640, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 38.9142, 0.3640, 0.3330.



This preview shows how white text looks on a background with the Yxy color 38.9142, 0.3640, 0.3330.

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

38.9142, 0.3640, 0.3330

Protanopia

39.0249, 0.3253, 0.3402

Deuteranopia

39.0548, 0.3493, 0.3425



Tritanopia

38.8435, 0.3525, 0.3139

Trichromacy



Original Color

38.9142, 0.3640, 0.3330

Protanomaly

38.8191, 0.3384, 0.3372

Deuteranomaly

39.0107, 0.3548, 0.3397

Tritanomaly

38.9950, 0.3573, 0.3215

Monochromacy



Original Color

38.9142, 0.3640, 0.3330

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5357, 0.3297, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9142, 0.3640, 0.3330 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(204, 156, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 153)  
}
```

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(204, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.9142, 0.3640, 0.3330 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(204, 156, 153) }
```

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

```
.border{ border-color:rgb(204, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9142, 0.3640, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 153) }
```

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

```
.background{ background-color: rgb(204,  
156, 153) }
```

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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