

Converting Colors

$Yxy(39.0418, 0.3585, 0.3367)$

Have a look what the booklet for
Yxy(39.0418, 0.3585, 0.3367)
contains.

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Color

Yxy(38.8957, 0.3584, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	C79E99
RGB	199, 158, 153
RGB Percent	78%, 62%, 60%
CMY	0.2196, 0.3803, 0.4001
CMYK	0.00, 0.21, 0.23, 0.22
HSL	7°, 29%, 69%
HSV	7°, 23%, 78%
XYZ	41.5258, 38.8957, 35.4429
YIQ	169.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

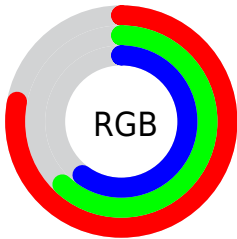
Format	Color
RYB	199, 159, 153
Decimal	13082265
CIELab	68.68, 14.42, 8.41
CIELCh	69, 16.693, 30.264
Yxy	38.8957, 0.3584, 0.3357
Android (android.graphics.Color)	4291272345 (0xFFC79E99)
YUV	169.6890, -8.2277, 25.7057
Hunter-Lab	62.3664, 9.7105, 9.9619

Details

The Yxy color **38.8957, 0.3584, 0.3357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4537, 0.2783, 0.3222**, and the grayscale version is **40.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3535, 0.3487, 0.3352**, and **17.4040, 0.3721, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **32.6780, 0.3858, 0.3388**, and if you desaturate by 10%, it is **46.0983, 0.3360, 0.3327**.

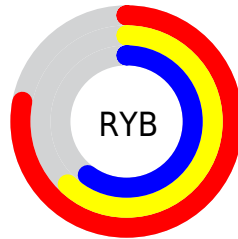
Distribution



Red (78%)

Green (62%)

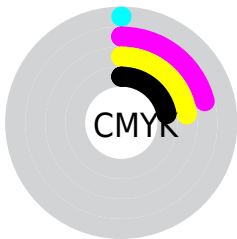
Blue (60%)



Red (78%)

Yellow (62%)

Blue (60%)

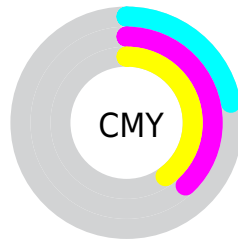


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8957, 0.3584, 0.3357 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 38.8957, 0.3584, 0.3357 by changing the saturation by 10% instead.


 38.8957, 0.3584,
0.3357


 38.8957, 0.3584,
0.3357


341.4468, 0.3347,
0.3326

 26.6786, 0.3646,
0.3364


 73.4790, 0.3496,
0.3347

 17.3320, 0.3728,
0.3371


 96.6139, 0.3463,
0.3343

 10.4715, 0.3839,
0.3380


124.1569, 0.3436,
0.3339

 5.7127, 0.4001,
0.3390

156.4924, 0.3413,
0.3336

 2.6712, 0.4256,
0.3397

194.0047, 0.3393,
0.3333

 0.9626, 0.4854,
0.3488

237.0783, 0.3375,

 0.0000, 1.0000,

0.3331

0.0000

286.0976, 0.3360,
0.3328

0.0000, 0.0000,
0.0000

38.8957, 0.3584,
0.3357

38.8957, 0.3584,
0.3357

32.6780, 0.3858,
0.3388

46.0983, 0.3360,
0.3327

27.3971, 0.4188,
0.3418

54.3202, 0.3177,
0.3298

23.0093, 0.4575,
0.3443

63.6011, 0.3028,
0.3272

19.4650, 0.5007,
0.3458

73.9767, 0.2906,
0.3249

16.7097, 0.5454,
0.3457

85.4812, 0.2806,
0.3227

■ 14.6827, 0.5862,
0.3436

■ 90.8808, 0.2800,
0.3289

■ 13.3143, 0.6171,
0.3395

■ 12.7069, 0.6316,
0.3367

Harmonies

Analogous

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



38.8957, 0.3424, 0.3151



38.8957, 0.3584, 0.3357



38.8957, 0.3615, 0.3556

Triad

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



38.8957, 0.3584, 0.3357



38.8957, 0.3054, 0.3629



38.8957, 0.2751, 0.2892

Complementary

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



38.8957, 0.3584, 0.3357



49.4537, 0.2783, 0.3222

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.



38.8957, 0.2661, 0.3000



38.8957, 0.3584, 0.3357



38.8957, 0.2832, 0.3429

Square

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



38.8957, 0.3584, 0.3357



38.8957, 0.3303, 0.3727



38.8957, 0.2691, 0.3195



38.8957, 0.2940, 0.2888

Rectangle

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



38.8957, 0.3584, 0.3357



38.8957, 0.3559, 0.3659



38.8957, 0.2691, 0.3195



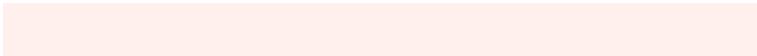
38.8957, 0.2708, 0.2917

Sweetspot

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



38.8975, 0.3584, 0.3357



89.1778, 0.3245, 0.3309



38.8263, 0.3195, 0.2774



18.8973, 0.3256, 0.3311



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.



38.8975, 0.3584, 0.3357



62.1493, 0.3722, 0.3373



47.3180, 0.3521, 0.3643



10.8208, 0.3287, 0.3316



8.2363, 0.6301, 0.3379



0.4546, 0.6019, 0.3602

Inverse Universe

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



49.4537, 0.2783, 0.3222



83.9922, 0.2710, 0.3205



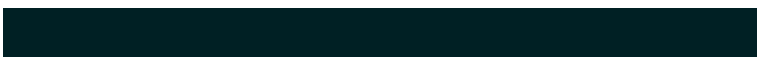
40.1617, 0.2759, 0.2910



11.8614, 0.2984, 0.3264



23.0015, 0.2151, 0.2945



1.1473, 0.2173, 0.3023

Previews

White Background



This preview shows how the Yxy color 38.8957, 0.3584, 0.3357 looks on a white background.

Color Contrast Check

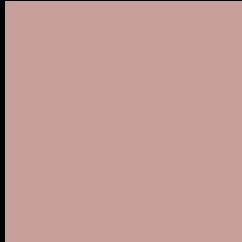
Large Text (above 18pt) WCAG AA × Fail

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 38.8957, 0.3584, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

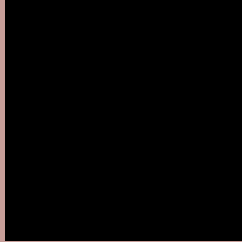
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8957, 0.3584, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 38.8957, 0.3584, 0.3357.



This preview shows how white text looks on a background with the Yxy color 38.8957, 0.3584, 0.3357.

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

38.8957, 0.3584, 0.3357

Protanopia

38.9903, 0.3262, 0.3416

Deuteranopia

39.0548, 0.3493, 0.3425



Tritanopia

39.0216, 0.3461, 0.3137

Trichromacy



Original Color

38.8957, 0.3584, 0.3357

Protanomaly

38.8963, 0.3372, 0.3400

Deuteranomaly

39.0942, 0.3525, 0.3411

Tritanomaly

39.0376, 0.3498, 0.3214

Monochromacy



Original Color

38.8957, 0.3584, 0.3357

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7765, 0.3286, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8957, 0.3584, 0.3357 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(199, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 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(199, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.8957, 0.3584, 0.3357 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(199, 158, 153) }
```

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

```
.border{ border-color:rgb(199, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8957, 0.3584, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 153) }
```

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

```
.background{ background-color: rgb(199,  
158, 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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