

Converting Colors

Yxy(37.8518, 0.3532, 0.3049)

Have a look what the booklet for
Yxy(37.8518, 0.3532, 0.3049)
contains.

Yxy(38.0872, 0.3534, 0.3054)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.0872, 0.3534, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	D096A9
RGB	208, 150, 169
RGB Percent	82%, 59%, 66%
CMY	0.1844, 0.4117, 0.3374
CMYK	0.00, 0.28, 0.19, 0.18
HSL	340°, 38%, 70%
HSV	340°, 28%, 82%
XYZ	44.0734, 38.0872, 42.5519
YIQ	169.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

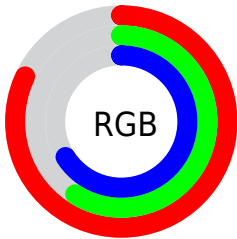
Format	Color
R _Y B	208, 150, 169
Decimal	13670057
CIE Lab	68.08, 24.57, -1.25
CIE LCh	68, 24.602, 357.089
Yxy	38.0872, 0.3534, 0.3054
Android (android.graphics.Color)	4291860137 (0xFFD096A9)
YUV	169.5080, -0.2504, 33.7575
Hunter-Lab	61.7148, 19.4741, 2.3204

Details

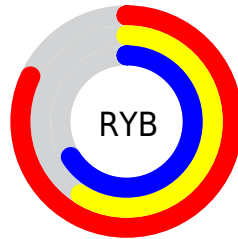
The Yxy color **38.0872, 0.3534, 0.3054** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2615, 0.2840, 0.3541**, and the grayscale version is **39.9317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3045, 0.3373, 0.3099**, and **16.9803, 0.3664, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **31.5313, 0.3743, 0.2966**, and if you desaturate by 10%, it is **45.8809, 0.3361, 0.3142**.

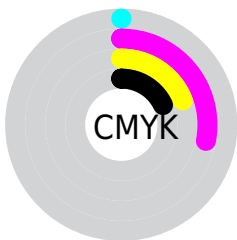
Distribution



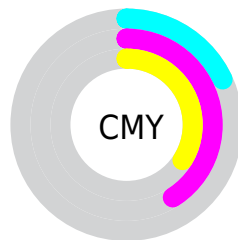
- Red (82%)
- Green (59%)
- Blue (66%)



- Red (82%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0872, 0.3534, 0.3054 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 38.0872, 0.3534, 0.3054 by changing the saturation by 10% instead.


 38.0872, 0.3534,
0.3054


 38.0872, 0.3534,
0.3054


337.9939, 0.3324,
0.3175

 26.0504, 0.3589,
0.3023


 72.2418, 0.3456,
0.3099

 16.8613, 0.3660,
0.2982


 95.1283, 0.3427,
0.3115

 10.1357, 0.3757,
0.2927


122.4002, 0.3403,
0.3129

 5.4890, 0.3897,
0.2847

154.4419, 0.3383,
0.3141

 2.5369, 0.4117,
0.2724

191.6377, 0.3365,
0.3151

 0.8951, 0.4508,
0.2508

234.3720, 0.3350,

 0.0000, 1.0000,

0.3160


0.0000


283.0293, 0.3336,
0.3168


 0.0000, 0.0000,
0.0000

 38.0872, 0.3534,
0.3054

 38.0872, 0.3534,
0.3054


 31.5313, 0.3743,
0.2966


 45.8809, 0.3361,
0.3142


 26.1439, 0.3994,
0.2883


 54.9664, 0.3220,
0.3227


 21.8568, 0.4286,
0.2813

 65.4011, 0.3104,
0.3306

 18.5926, 0.4614,
0.2769

 77.2372, 0.3010,
0.3380

 16.2638, 0.4964,
0.2761

 90.5242, 0.2933,
0.3447

■ 14.7678, 0.5309,
0.2800

■ 92.0152, 0.2860,
0.3310

■ 13.9579, 0.5621,
0.2885

■ 92.1466, 0.2849,
0.3289

■ 13.8242, 0.5684,
0.2905

Harmonies

Analogous

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



38.0872, 0.3170, 0.2824



38.0872, 0.3534, 0.3054



38.0872, 0.3792, 0.3346

Triad

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



38.0872, 0.3534, 0.3054



38.0872, 0.3418, 0.3951



38.0872, 0.2445, 0.2880

Complementary

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



38.0872, 0.3534, 0.3054



55.2615, 0.2840, 0.3541

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.



38.0872, 0.2503, 0.3175



38.0872, 0.3534, 0.3054



38.0872, 0.3052, 0.3829

Square

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



38.0872, 0.3534, 0.3054



38.0872, 0.3716, 0.3870



38.0872, 0.2720, 0.3532



38.0872, 0.2555, 0.2716

Rectangle

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



38.0872, 0.3534, 0.3054



38.0872, 0.3860, 0.3547



38.0872, 0.2720, 0.3532



38.0872, 0.2446, 0.2966

Sweetspot

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



38.0890, 0.3534, 0.3054



86.8150, 0.3223, 0.3225



37.1468, 0.2981, 0.2564



18.0850, 0.3243, 0.3213



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.



38.0890, 0.3534, 0.3054



54.4236, 0.3645, 0.3005



40.6395, 0.3698, 0.3414



11.8711, 0.3240, 0.3214



8.6341, 0.5647, 0.2884



0.4973, 0.5124, 0.2596

Inverse Universe

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



38.0890, 0.3534, 0.3054



54.4236, 0.3645, 0.3005



51.5723, 0.2712, 0.3162



11.8711, 0.3240, 0.3214



8.6341, 0.5647, 0.2884



0.4973, 0.5124, 0.2596

Previews

White Background



This preview shows how the Yxy color 38.0872, 0.3534, 0.3054 looks on a white background.

Color Contrast Check

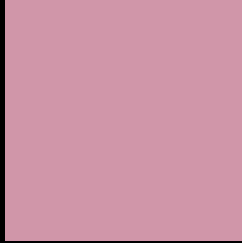
Large Text (above 18pt) WCAG AA × Fail

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 38.0872, 0.3534, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

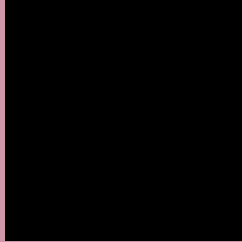
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0872, 0.3534, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 38.0872, 0.3534, 0.3054.



This preview shows how white text looks on a background with the Yxy color 38.0872, 0.3534, 0.3054.

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

38.0872, 0.3534, 0.3054

Protanopia

38.2316, 0.3026, 0.3109

Deuteranopia

38.2248, 0.3275, 0.3209



Tritanopia

38.0430, 0.3583, 0.3140

Trichromacy



Original Color

38.0872, 0.3534, 0.3054

Protanomaly

38.0605, 0.3194, 0.3088

Deuteranomaly

38.0175, 0.3360, 0.3145

Tritanomaly

38.1152, 0.3562, 0.3115

Monochromacy



Original Color

38.0872, 0.3534, 0.3054

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2870, 0.3264, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0872, 0.3534, 0.3054 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(208, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 150, 169)  
}
```

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(208, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 150, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.0872, 0.3534, 0.3054 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(208, 150, 169) }
```

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

```
.border{ border-color:rgb(208, 150, 169) }
```

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

Here you see how a box with a 4 pixel rgb(208, 150, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(208, 150,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0872, 0.3534, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 150, 169) }
```

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

```
.background{ background-color: rgb(208,  
150, 169) }
```

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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