

Converting Colors

$Yxy(38.4372, 0.3564, 0.3230)$

Have a look what the booklet for
Yxy(38.4372, 0.3564, 0.3230)
contains.

Yxy(38.5024, 0.3562, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.5024, 0.3562, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	CA9B9F
RGB	202, 155, 159
RGB Percent	79%, 61%, 62%
CMY	0.2080, 0.3921, 0.3765
CMYK	0.00, 0.23, 0.21, 0.21
HSL	355°, 31%, 70%
HSV	355°, 23%, 79%
XYZ	42.3289, 38.5024, 38.0033
YIQ	169.5090, 26.7280, 11.2080

Conversions

Conversions Part 2

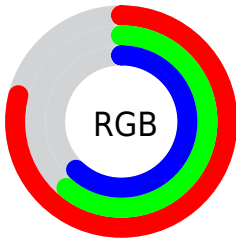
Format	Color
R _Y B	202, 155, 159
Decimal	13278111
CIE Lab	68.39, 18.08, 4.68
CIE LCh	68, 18.679, 14.520
Yxy	38.5024, 0.3562, 0.3240
Android (android.graphics.Color)	4291468191 (0xFFCA9B9F)
YUV	169.5090, -5.1809, 28.4946
Hunter-Lab	62.0503, 13.1794, 7.1225

Details

The Yxy color **38.5024, 0.3562, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2698, 0.2812, 0.3341**, and the grayscale version is **39.9577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2082, 0.3440, 0.3250**, and **17.1864, 0.3691, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **31.7391, 0.3828, 0.3217**, and if you desaturate by 10%, it is **46.4894, 0.3348, 0.3262**.

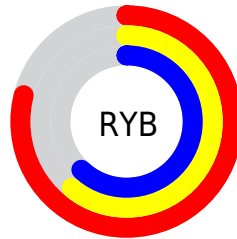
Distribution



Red (79%)

Green (61%)

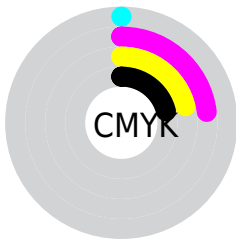
Blue (62%)



Red (79%)

Yellow (61%)

Blue (62%)

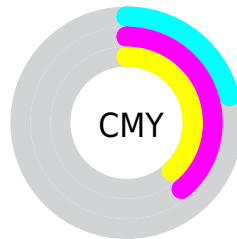


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5024, 0.3562, 0.3240 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 38.5024, 0.3562, 0.3240 by changing the saturation by 10% instead.


 38.5024, 0.3562,
0.3240


 38.5024, 0.3562,
0.3240

339.7702, 0.3336,
0.3269

 26.3728, 0.3621,
0.3232


 72.8775, 0.3478,
0.3251

 17.1028, 0.3699,
0.3220


 95.8919, 0.3447,
0.3255

 10.3078, 0.3805,
0.3204


123.3033, 0.3421,
0.3258

 5.6035, 0.3960,
0.3177

155.4962, 0.3399,
0.3261

 2.6055, 0.4204,
0.3132

192.8550, 0.3380,
0.3263

 0.9294, 0.4685,
0.3062

235.7640, 0.3364,

 0.0000, 1.0000,

0.3265

0.0000

284.6076, 0.3349,
0.3267

0.0000, 0.0000,
0.0000

38.5024, 0.3562,
0.3240

38.5024, 0.3562,
0.3240

31.7391, 0.3828,
0.3217

46.4894, 0.3348,
0.3262

26.1342, 0.4152,
0.3196

55.7509, 0.3175,
0.3284

21.6242, 0.4538,
0.3179

66.3410, 0.3037,
0.3303

18.1374, 0.4974,
0.3171

78.3094, 0.2925,
0.3321

15.5936, 0.5430,
0.3175

91.0624, 0.2834,
0.3327

■ 13.9007, 0.5850,
0.3195

■ 91.2912, 0.2816,
0.3289

■ 12.9477, 0.6170,
0.3231

■ 12.5921, 0.6314,
0.3252

Harmonies

Analogous

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



38.5024, 0.3326, 0.3027



38.5024, 0.3562, 0.3240



38.5024, 0.3677, 0.3473

Triad

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



38.5024, 0.3562, 0.3240



38.5024, 0.3192, 0.3748



38.5024, 0.2638, 0.2893

Complementary

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



38.5024, 0.3562, 0.3240



53.2698, 0.2812, 0.3341

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.



38.5024, 0.2607, 0.3068



38.5024, 0.3562, 0.3240



38.5024, 0.2918, 0.3575

Square

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



38.5024, 0.3562, 0.3240



38.5024, 0.3456, 0.3780



38.5024, 0.2707, 0.3319



38.5024, 0.2794, 0.2829

Rectangle

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



38.5024, 0.3562, 0.3240



38.5024, 0.3667, 0.3614



38.5024, 0.2707, 0.3319



38.5024, 0.2613, 0.2940

Sweetspot

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



38.5042, 0.3562, 0.3240



88.1275, 0.3237, 0.3276



39.6185, 0.3111, 0.2710



18.6551, 0.3248, 0.3274



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.



38.5042, 0.3562, 0.3240



59.0779, 0.3692, 0.3228



45.1122, 0.3549, 0.3530



11.2289, 0.3277, 0.3271



8.1119, 0.6297, 0.3242



0.4240, 0.5980, 0.3068

Inverse Universe

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



38.5042, 0.3562, 0.3240



59.0779, 0.3692, 0.3228



45.1765, 0.2767, 0.3037



11.2289, 0.3277, 0.3271



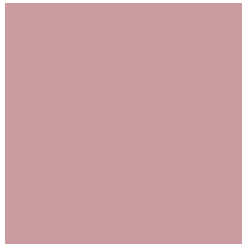
8.1119, 0.6297, 0.3242



0.4240, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 38.5024, 0.3562, 0.3240 looks on a white background.

Color Contrast Check

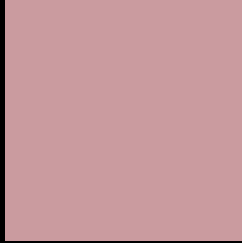
Large Text (above 18pt) WCAG AA × Fail

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 38.5024, 0.3562, 0.3240 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 38.5024, 0.3562, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 38.5024, 0.3562, 0.3240.



This preview shows how white text looks on a background with the Yxy color 38.5024, 0.3562, 0.3240.

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

38.5024, 0.3562, 0.3240

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

38.5232, 0.3408, 0.3331



Tritanopia

38.5609, 0.3505, 0.3138

Trichromacy



Original Color

38.5024, 0.3562, 0.3240

Protanomaly

38.4301, 0.3310, 0.3277

Deuteranomaly

38.4714, 0.3462, 0.3304

Tritanomaly

38.4521, 0.3535, 0.3176

Monochromacy



Original Color

38.5024, 0.3562, 0.3240

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6085, 0.3279, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5024, 0.3562, 0.3240 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(202, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 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(202, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 159) }
```

Border

The CSS property to change the border of an element to Yxy 38.5024, 0.3562, 0.3240 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(202, 155, 159) }
```

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

```
.border{ border-color:rgb(202, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5024, 0.3562, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 159) }
```

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

```
.background{ background-color: rgb(202,  
155, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor