

Converting Colors

$Yxy(37.8069, 0.3631, 0.3232)$

Have a look what the booklet for
Yxy(37.8069, 0.3631, 0.3232)
contains.

Yxy(37.8359, 0.3632, 0.3240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.8359, 0.3632, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	CD989C
RGB	205, 152, 156
RGB Percent	80%, 60%, 61%
CMY	0.1960, 0.4040, 0.3882
CMYK	0.00, 0.26, 0.24, 0.20
HSL	355°, 35%, 70%
HSV	355°, 26%, 80%
XYZ	42.4136, 37.8359, 36.5280
YIQ	168.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

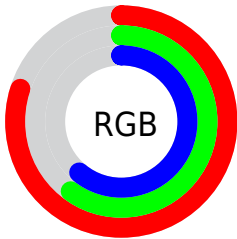
Format	Color
R_{YB}	205, 152, 156
Decimal	13473948
CIE Lab	67.90, 20.45, 5.69
CIE LCh	68, 21.224, 15.537
Yxy	37.8359, 0.3632, 0.3240
Android (android.graphics.Color)	4291664028 (0xFFCD989C)
YUV	168.3030, -6.0654, 32.1833
Hunter-Lab	61.5109, 15.4370, 7.8485

Details

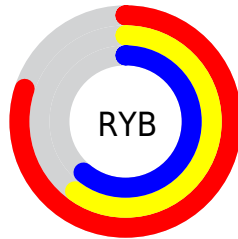
The Yxy color **37.8359, 0.3632, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5697, 0.2776, 0.3342**, and the grayscale version is **39.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5388, 0.3475, 0.3260**, and **16.8113, 0.3792, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **31.1554, 0.3916, 0.3220**, and if you desaturate by 10%, it is **45.7703, 0.3402, 0.3260**.

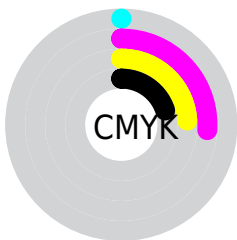
Distribution



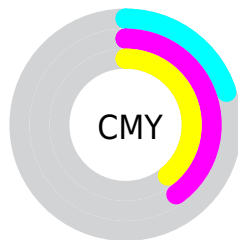
- Red (80%)
- Green (60%)
- Blue (61%)



- Red (80%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8359, 0.3632, 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 37.8359, 0.3632, 0.3240 by changing the saturation by 10% instead.


 37.8359, 0.3632,
0.3240

 37.8359, 0.3632,
0.3240


336.9155, 0.3369,
0.3270

 25.8554, 0.3701,
0.3231


 71.8565, 0.3534,
0.3252

 16.7155, 0.3792,
0.3218


 94.6654, 0.3498,
0.3256

 10.0318, 0.3917,
0.3200


121.8526, 0.3468,
0.3259

 5.4201, 0.4099,
0.3170

153.8023, 0.3442,
0.3262

 2.4958, 0.4388,
0.3116

190.8991, 0.3420,
0.3264

 0.8745, 0.5003,
0.3057


233.5273, 0.3401,

 0.0000, 1.0000,

0.3266

0.0000


282.0713, 0.3384,
0.3268


 0.0000, 0.0000,
0.0000


 37.8359, 0.3632,
0.3240


 37.8359, 0.3632,
0.3240


 31.1554, 0.3916,
0.3220


 45.7703, 0.3402,
0.3260

 25.6599, 0.4261,
0.3202


 55.0128, 0.3218,
0.3279


 21.2816, 0.4666,
0.3189

 65.6204, 0.3070,
0.3297

 17.9438, 0.5116,
0.3184

 77.6455, 0.2951,
0.3314

 15.5602, 0.5571,
0.3192

 91.1377, 0.2854,
0.3328

■ 14.0306, 0.5969,
0.3215

■ 91.7237, 0.2833,
0.3289

■ 13.2310, 0.6248,
0.3250

■ 13.0199, 0.6327,
0.3259

Harmonies

Analogous

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



37.8359, 0.3364, 0.2999



37.8359, 0.3632, 0.3240



37.8359, 0.3758, 0.3504

Triad

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



37.8359, 0.3632, 0.3240



37.8359, 0.3188, 0.3813



37.8359, 0.2575, 0.2832

Complementary

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



37.8359, 0.3632, 0.3240



54.5697, 0.2776, 0.3342

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.



37.8359, 0.2535, 0.3025



37.8359, 0.3632, 0.3240



37.8359, 0.2878, 0.3609

Square

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



37.8359, 0.3632, 0.3240



37.8359, 0.3492, 0.3853



37.8359, 0.2643, 0.3311



37.8359, 0.2755, 0.2766

Rectangle

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



37.8359, 0.3632, 0.3240



37.8359, 0.3742, 0.3663



37.8359, 0.2643, 0.3311



37.8359, 0.2545, 0.2883

Sweetspot

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



37.8377, 0.3632, 0.3240



86.5127, 0.3256, 0.3275



39.2261, 0.3116, 0.2644



18.0095, 0.3282, 0.3272



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.



37.8377, 0.3632, 0.3240



55.6666, 0.3782, 0.3229



45.5575, 0.3605, 0.3569



11.2273, 0.3278, 0.3273



8.1080, 0.6309, 0.3249



0.4232, 0.6021, 0.3090

Inverse Universe

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



37.8377, 0.3632, 0.3240



55.6666, 0.3782, 0.3229



44.9222, 0.2724, 0.2993



11.2273, 0.3278, 0.3273



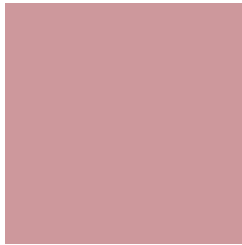
8.1080, 0.6309, 0.3249



0.4232, 0.6021, 0.3090

Previews

White Background



This preview shows how the Yxy color 37.8359, 0.3632, 0.3240 looks on a white background.

Color Contrast Check

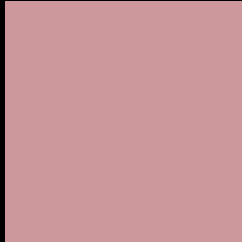
Large Text (above 18pt) WCAG AA × Fail

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 37.8359, 0.3632, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

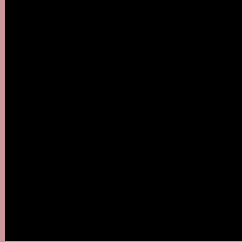
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8359, 0.3632, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 37.8359, 0.3632, 0.3240.



This preview shows how white text looks on a background with the Yxy color 37.8359, 0.3632, 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

37.8359, 0.3632, 0.3240

Protanopia

37.9896, 0.3182, 0.3318

Deuteranopia

37.9473, 0.3429, 0.3359



Tritanopia

37.8994, 0.3573, 0.3139

Trichromacy



Original Color

37.8359, 0.3632, 0.3240

Protanomaly

37.6248, 0.3342, 0.3291

Deuteranomaly

37.8180, 0.3506, 0.3318

Tritanomaly

37.7931, 0.3604, 0.3177

Monochromacy



Original Color

37.8359, 0.3632, 0.3240

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3448, 0.3291, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8359, 0.3632, 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(205, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 156)  
}
```

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(205, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.8359, 0.3632, 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(205, 152, 156) }
```

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

```
.border{ border-color:rgb(205, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8359, 0.3632, 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(205, 152, 156) }
```

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

```
.background{ background-color: rgb(205,  
152, 156) }
```

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