

Converting Colors

$Yxy(37.6601, 0.3366, 0.3246)$

Have a look what the booklet for
Yxy(37.6601, 0.3366, 0.3246)
contains.

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Color

Yxy(37.8440, 0.3364, 0.3250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BA9FA2 |
| RGB | 186, 159, 162 |
| RGB Percent | 73%, 62%, 64% |
| CMY | 0.2706, 0.3765, 0.3647 |
| CMYK | 0.00, 0.15, 0.13, 0.27 |
| HSL | 353°, 16%, 68% |
| HSV | 353°, 15%, 73% |
| XYZ | 39.1715, 37.8440, 39.4276 |
| YIQ | 167.4150, 15.1290, 6.6570 |

Conversions

Conversions Part 2

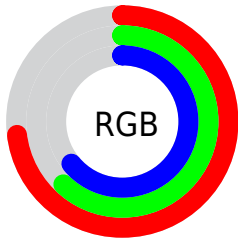
| Format | Color |
|-------------------------------------|--|
| RYB | 186, 159, 162 |
| Decimal | 12230562 |
| CIELab | 67.91, 10.43, 2.11 |
| CIELCh | 68, 10.639, 11.447 |
| Yxy | 37.8440, 0.3364, 0.3250 |
| Android (android.graphics.Color) | 4290420642 (0xFFBA9FA2) |
| YUV | 167.4150, -2.6696, 16.2990 |
| Hunter-Lab | 61.5175, 6.0049, 5.0622 |

Details

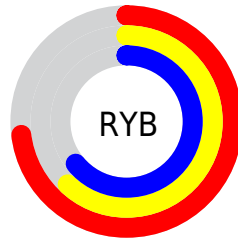
The Yxy color **37.8440, 0.3364, 0.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9108, 0.2931, 0.3331**, and the grayscale version is **38.8657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9801, 0.3314, 0.3259**, and **16.8375, 0.3449, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **31.3727, 0.3576, 0.3221**, and if you desaturate by 10%, it is **45.3586, 0.3193, 0.3278**.

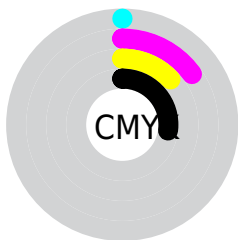
Distribution



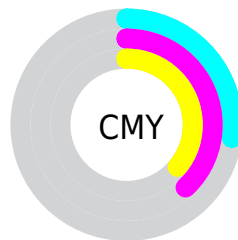
- Red (73%)
- Green (62%)
- Blue (64%)



- Red (73%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (27%)





- Cyan (27%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8440, 0.3364, 0.3250 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 37.8440, 0.3364, 0.3250 by changing the saturation by 10% instead.

 37.8440, 0.3364,
0.3250


 37.8440, 0.3364,
0.3250


336.9503, 0.3241,
0.3272

 25.8616, 0.3396,
0.3244


 71.8690, 0.3318,
0.3258

 16.7202, 0.3439,
0.3236


 94.6804, 0.3301,
0.3261

 10.0352, 0.3497,
0.3225


121.8702, 0.3287,
0.3264

 5.4223, 0.3582,
0.3209

153.8229, 0.3275,
0.3266

 2.4971, 0.3718,
0.3181

190.9229, 0.3265,
0.3267

 0.8752, 0.3980,
0.3135

233.5545, 0.3256,

 0.0000, 1.0000,

0.3269

0.0000

282.1022, 0.3248,
0.3270

0.0000, 0.0000,
0.0000

37.8440, 0.3364,
0.3250

37.8440, 0.3364,
0.3250

31.3727, 0.3576,
0.3221

45.3586, 0.3193,
0.3278

25.8938, 0.3838,
0.3191

53.9544, 0.3055,
0.3304

21.3596, 0.4157,
0.3163

63.6736, 0.2944,
0.3328

17.7167, 0.4534,
0.3141

74.5549, 0.2854,
0.3349

14.9062, 0.4960,
0.3129

86.6347, 0.2780,
0.3369

■ 12.8621, 0.5405,
0.3135

■ 89.1801, 0.2731,
0.3289

■ 11.5086, 0.5817,
0.3160

■ 10.7541, 0.6138,
0.3205

■ 10.4932, 0.6267,
0.3226

Harmonies

Analogous

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



37.8440, 0.3226, 0.3126



37.8440, 0.3364, 0.3250



37.8440, 0.3437, 0.3387

Triad

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



37.8440, 0.3364, 0.3250



37.8440, 0.3184, 0.3553



37.8440, 0.2837, 0.3070

Complementary

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



37.8440, 0.3364, 0.3250



45.9108, 0.2931, 0.3331

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.



37.8440, 0.2827, 0.3180



37.8440, 0.3364, 0.3250



37.8440, 0.3024, 0.3463

Square

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



37.8440, 0.3364, 0.3250



37.8440, 0.3331, 0.3567



37.8440, 0.2894, 0.3325



37.8440, 0.2923, 0.3022

Rectangle

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



37.8440, 0.3364, 0.3250



37.8440, 0.3439, 0.3469



37.8440, 0.2894, 0.3325



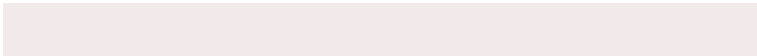
37.8440, 0.2825, 0.3101

Sweetspot

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



37.8457, 0.3364, 0.3250



82.8704, 0.3186, 0.3279



38.3918, 0.3114, 0.2934



18.0057, 0.3198, 0.3277



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.8457, 0.3364, 0.3250



65.1660, 0.3418, 0.3242



41.4509, 0.3373, 0.3429



9.0281, 0.3271, 0.3265



7.0647, 0.6246, 0.3215



0.2544, 0.5753, 0.2943

Inverse Universe

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



37.8457, 0.3364, 0.3250



65.1660, 0.3418, 0.3242



41.8321, 0.2905, 0.3146



9.0281, 0.3271, 0.3265



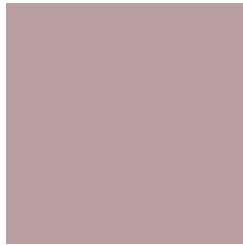
7.0647, 0.6246, 0.3215



0.2544, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 37.8440, 0.3364, 0.3250 looks on a white background.

Color Contrast Check

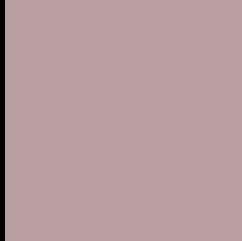
Large Text (above 18pt) WCAG AA × Fail

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 37.8440, 0.3364, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

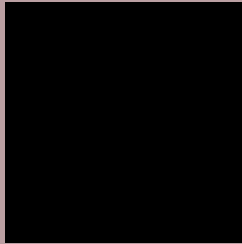
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8440, 0.3364, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 37.8440, 0.3364, 0.3250.



This preview shows how white text looks on a background with the Yxy color 37.8440, 0.3364, 0.3250.

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

37.8440, 0.3364, 0.3250

Protanopia

37.9517, 0.3155, 0.3290

Deuteranopia

37.8175, 0.3333, 0.3263



Tritanopia

37.9208, 0.3300, 0.3130

Trichromacy



Original Color

37.8440, 0.3364, 0.3250

Protanomaly

37.9887, 0.3232, 0.3276

Deuteranomaly

37.9406, 0.3343, 0.3263

Tritanomaly

37.8085, 0.3328, 0.3170

Monochromacy



Original Color

37.8440, 0.3364, 0.3250

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2662, 0.3213, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8440, 0.3364, 0.3250 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(186, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 162)  
}
```

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(186, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 162) }
```

Border

The CSS property to change the border of an element to Yxy 37.8440, 0.3364, 0.3250 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(186, 159, 162) }
```

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

```
.border{ border-color:rgb(186, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(186, 159,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8440, 0.3364, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 162) }
```

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

```
.background{ background-color: rgb(186,  
159, 162) }
```

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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