

Converting Colors

$Y_{xy}(37.6460, 0.3328, 0.3183)$

Have a look what the booklet for
Yxy(37.6460, 0.3328, 0.3183)
contains.

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Color

Yxy(37.6460, 0.3328, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	BA9EA6
RGB	186, 158, 166
RGB Percent	73%, 62%, 65%
CMY	0.2705, 0.3804, 0.3490
CMYK	0.00, 0.15, 0.11, 0.27
HSL	343°, 17%, 67%
HSV	343°, 15%, 73%
XYZ	39.3609, 37.6460, 41.2651
YIQ	167.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

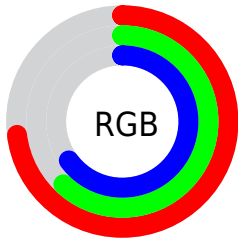
Format	Color
RYB	186, 158, 166
Decimal	12230310
CIELab	67.76, 11.66, -0.32
CIELCh	68, 11.663, 358.417
Yxy	37.6460, 0.3328, 0.3183
Android (android.graphics.Color)	4290420390 (0xFFBA9EA6)
YUV	167.2840, -0.6330, 16.4139
Hunter-Lab	61.3563, 7.1366, 3.0740

Details

The Yxy color **37.6460, 0.3328, 0.3183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6070, 0.2959, 0.3400**, and the grayscale version is **38.7884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6862, 0.3287, 0.3207**, and **16.7168, 0.3398, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **31.3119, 0.3500, 0.3107**, and if you desaturate by 10%, it is **44.9943, 0.3188, 0.3255**.

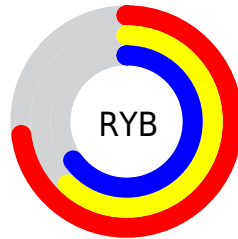
Distribution



Red (73%)

Green (62%)

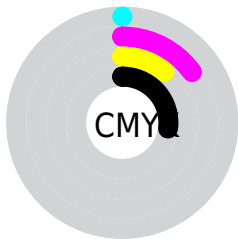
Blue (65%)



Red (73%)

Yellow (62%)

Blue (65%)

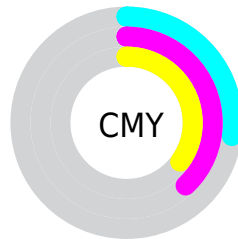


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6460, 0.3328, 0.3183 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 37.6460, 0.3328, 0.3183 by changing the saturation by 10% instead.


 37.6460, 0.3328,
0.3183


 37.6460, 0.3328,
0.3183


336.0990, 0.3224,
0.3238

 25.7081, 0.3355,
0.3169


 71.5652, 0.3289,
0.3204

 16.6054, 0.3391,
0.3150


 94.3153, 0.3275,
0.3211

 9.9535, 0.3440,
0.3124


121.4382, 0.3263,
0.3218

 5.3682, 0.3511,
0.3086

153.3183, 0.3253,
0.3223

 2.4649, 0.3624,
0.3026

190.3401, 0.3244,
0.3228

 0.8590, 0.3832,
0.2916

232.8878, 0.3237,

 0.0000, 1.0000,

0.3232

0.0000

281.3460, 0.3230,
0.3235

0.0000, 0.0000,
0.0000

37.6460, 0.3328,
0.3183

37.6460, 0.3328,
0.3183

31.3119, 0.3500,
0.3107

44.9943, 0.3188,
0.3255

25.9425, 0.3709,
0.3030

53.3936, 0.3074,
0.3323

21.4916, 0.3961,
0.2956

62.8850, 0.2980,
0.3385

17.9070, 0.4258,
0.2893

73.5058, 0.2904,
0.3441

15.1316, 0.4597,
0.2848

85.2916, 0.2842,
0.3493

■ 13.1012, 0.4963,
0.2835

■ 88.5991, 0.2777,
0.3388

■ 11.7416, 0.5331,
0.2863

■ 89.1805, 0.2731,
0.3289

■ 10.9627, 0.5665,
0.2935

■ 10.6983, 0.5815,
0.2977

Harmonies

Analogous

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



37.6460, 0.3159, 0.3064



37.6460, 0.3328, 0.3183



37.6460, 0.3444, 0.3331

Triad

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



37.6460, 0.3328, 0.3183



37.6460, 0.3263, 0.3597



37.6460, 0.2794, 0.3094

Complementary

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



37.6460, 0.3328, 0.3183



45.6070, 0.2959, 0.3400

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.



37.6460, 0.2820, 0.3235



37.6460, 0.3328, 0.3183



37.6460, 0.3088, 0.3533

Square

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



37.6460, 0.3328, 0.3183



37.6460, 0.3405, 0.3573



37.6460, 0.2927, 0.3398



37.6460, 0.2853, 0.3010

Rectangle

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



37.6460, 0.3328, 0.3183



37.6460, 0.3474, 0.3429



37.6460, 0.2927, 0.3398



37.6460, 0.2793, 0.3136

Sweetspot

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



37.6477, 0.3328, 0.3183



81.5089, 0.3188, 0.3255



37.4185, 0.3066, 0.2914



17.7290, 0.3197, 0.3250



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.



37.6477, 0.3328, 0.3183



64.3128, 0.3380, 0.3159



39.3184, 0.3393, 0.3366



9.0532, 0.3244, 0.3225



7.2079, 0.5781, 0.2958



0.2651, 0.5027, 0.2543

Inverse Universe

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



37.6477, 0.3328, 0.3183



64.3128, 0.3380, 0.3159



43.6230, 0.2899, 0.3212



9.0532, 0.3244, 0.3225



7.2079, 0.5781, 0.2958



0.2651, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 37.6460, 0.3328, 0.3183 looks on a white background.

Color Contrast Check

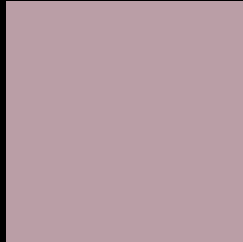
Large Text (above 18pt) WCAG AA × Fail

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 37.6460, 0.3328, 0.3183 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 37.6460, 0.3328, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 37.6460, 0.3328, 0.3183.



This preview shows how white text looks on a background with the Yxy color 37.6460, 0.3328, 0.3183.

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

37.6460, 0.3328, 0.3183

Protanopia

37.6687, 0.3103, 0.3205

Deuteranopia

37.7185, 0.3276, 0.3209



Tritanopia

37.5810, 0.3301, 0.3117

Trichromacy



Original Color

37.6460, 0.3328, 0.3183

Protanomaly

37.7039, 0.3179, 0.3193

Deuteranomaly

37.6167, 0.3297, 0.3195

Tritanomaly

37.5433, 0.3311, 0.3130

Monochromacy



Original Color

37.6460, 0.3328, 0.3183

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3396, 0.3195, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6460, 0.3328, 0.3183 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, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 166)  
}
```

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, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 166) }
```

Border

The CSS property to change the border of an element to Yxy 37.6460, 0.3328, 0.3183 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, 158, 166) }
```

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

```
.border{ border-color:rgb(186, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6460, 0.3328, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 166) }
```

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

```
.background{ background-color: rgb(186,  
158, 166) }
```

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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