

Converting Colors

$Y_{xy}(47.1182, 0.3235, 0.3111)$

Have a look what the booklet for
Yxy(47.1182, 0.3235, 0.3111)
contains.

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Color

Yxy(47.3249, 0.3240, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	CAB0BE
RGB	202, 176, 190
RGB Percent	79%, 69%, 75%
CMY	0.2079, 0.3098, 0.2548
CMYK	0.00, 0.13, 0.06, 0.21
HSL	328°, 20%, 74%
HSV	328°, 13%, 79%
XYZ	49.1766, 47.3249, 55.2782
YIQ	185.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

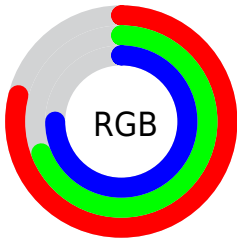
Format	Color
R _Y B	202, 176, 190
Decimal	13283518
CIE Lab	74.40, 11.76, -3.69
CIE LCh	74, 12.323, 342.566
Yxy	47.3249, 0.3240, 0.3118
Android (android.graphics.Color)	4291473598 (0xFFCAB0BE)
YUV	185.3700, 2.2826, 14.5845
Hunter-Lab	68.7931, 7.2125, 0.5132

Details

The Yxy color $47.3249, 0.3240, 0.3118$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.0939, 0.3028, 0.3469$, and the grayscale version is $48.7161, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6270, 0.3194, 0.3154$, and $22.2680, 0.3271, 0.3059$ is the 20% darker color. If you saturate the color by 10%, you get $39.5928, 0.3348, 0.2977$, and if you desaturate by 10%, it is $56.2656, 0.3150, 0.3253$.

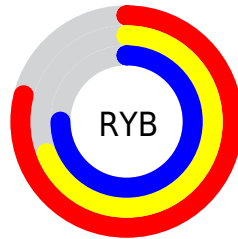
Distribution



Red (79%)

Green (69%)

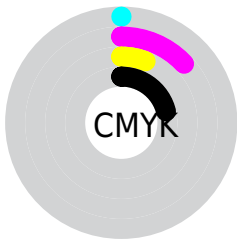
Blue (75%)



Red (79%)

Yellow (69%)

Blue (75%)

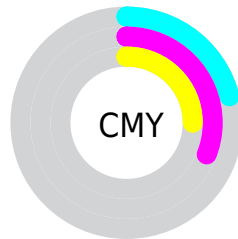


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3249, 0.3240, 0.3118 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 47.3249, 0.3240, 0.3118 by changing the saturation by 10% instead.


 47.3249, 0.3240,
0.3118

 47.3249, 0.3240,
0.3118


376.1099, 0.3184,
0.3203

 33.2926, 0.3254,
0.3097


 86.1984, 0.3220,
0.3149

 22.3507, 0.3271,
0.3071


111.8084, 0.3212,
0.3160

 14.1148, 0.3294,
0.3036


142.0463, 0.3206,
0.3170

 8.2006, 0.3326,
0.2988

177.2967, 0.3200,
0.3178

 4.2235, 0.3373,
0.2917

217.9438, 0.3196,
0.3186

 1.7994, 0.3450,
0.2805

264.3721, 0.3191,

 0.4868, 0.3703,

0.3192

0.2404

316.9660, 0.3188,
0.3198

0.0000, 0.0000,
0.0000

47.3249, 0.3240,
0.3118

47.3249, 0.3240,
0.3118

39.5928, 0.3348,
0.2977

56.2656, 0.3150,
0.3253

33.0107, 0.3476,
0.2834

66.4577, 0.3075,
0.3380

27.5244, 0.3627,
0.2693

77.9497, 0.3013,
0.3497

23.0730, 0.3800,
0.2563

89.6314, 0.2962,
0.3587

19.5895, 0.3995,
0.2455

90.1590, 0.2912,
0.3486

■ 16.9988, 0.4207,
0.2381

■ 90.7147, 0.2863,
0.3386

■ 15.2149, 0.4428,
0.2352

■ 91.2945, 0.2816,
0.3289

■ 14.1343, 0.4648,
0.2376

■ 13.6604, 0.4802,
0.2419

Harmonies

Analogous

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



47.3249, 0.3066, 0.3027



47.3249, 0.3240, 0.3118



47.3249, 0.3386, 0.3252

Triad

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



47.3249, 0.3240, 0.3118



47.3249, 0.3341, 0.3588



47.3249, 0.2804, 0.3166

Complementary

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



47.3249, 0.3240, 0.3118



55.0939, 0.3028, 0.3469

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.



47.3249, 0.2873, 0.3321



47.3249, 0.3240, 0.3118



47.3249, 0.3181, 0.3571

Square

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



47.3249, 0.3240, 0.3118



47.3249, 0.3445, 0.3523



47.3249, 0.3010, 0.3472



47.3249, 0.2818, 0.3051

Rectangle

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



47.3249, 0.3240, 0.3118



47.3249, 0.3447, 0.3351



47.3249, 0.3010, 0.3472



47.3249, 0.2818, 0.3215

Sweetspot

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



47.3270, 0.3240, 0.3118



93.3654, 0.3160, 0.3237



45.9697, 0.3021, 0.2964



19.7253, 0.3166, 0.3227



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.



47.3270, 0.3240, 0.3118



76.8952, 0.3264, 0.3085



46.7942, 0.3348, 0.3274



11.3133, 0.3207, 0.3166



8.8099, 0.4774, 0.2404



0.4697, 0.4387, 0.2190

Inverse Universe

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



47.3270, 0.3240, 0.3118



76.8952, 0.3264, 0.3085



55.6673, 0.2941, 0.3306



11.3133, 0.3207, 0.3166



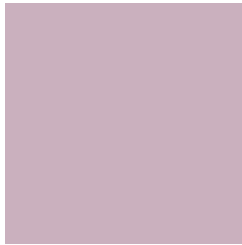
8.8099, 0.4774, 0.2404



0.4697, 0.4387, 0.2190

Previews

White Background



This preview shows how the Yxy color 47.3249, 0.3240, 0.3118 looks on a white background.

Color Contrast Check

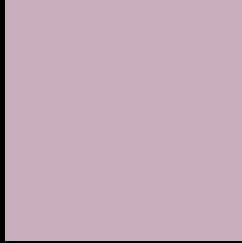
Large Text (above 18pt) WCAG AA × Fail

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 47.3249, 0.3240, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

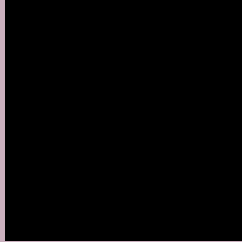
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3249, 0.3240, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 47.3249, 0.3240, 0.3118.



This preview shows how white text looks on a background with the Yxy color 47.3249, 0.3240, 0.3118.

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

47.3249, 0.3240, 0.3118

Protanopia

47.4182, 0.3042, 0.3137

Deuteranopia

47.5643, 0.3204, 0.3141



Tritanopia

47.3249, 0.3240, 0.3118

Trichromacy



Original Color

47.3249, 0.3240, 0.3118

Protanomaly

47.4399, 0.3109, 0.3126

Deuteranomaly

47.3041, 0.3213, 0.3129

Tritanomaly

47.3249, 0.3240, 0.3118

Monochromacy



Original Color

47.3249, 0.3240, 0.3118

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1201, 0.3164, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3249, 0.3240, 0.3118 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, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 176, 190)  
}
```

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, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 47.3249, 0.3240, 0.3118 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, 176, 190) }
```

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

```
.border{ border-color:rgb(202, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 176, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 176, 190); box-shadow:4px 4px 4px 4px rgb(202, 176, 190) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.3249, 0.3240, 0.3118$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 176, 190) }
```

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

```
.background{ background-color: rgb(202,  
176, 190) }
```

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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