

Converting Colors

$Y_{xy}(46.8572, 0.3329, 0.3230)$

Have a look what the booklet for
Yxy(46.8572, 0.3329, 0.3230)
contains.

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Color

Yxy(47.0425, 0.3334, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	CBB0B4
RGB	203, 176, 180
RGB Percent	80%, 69%, 71%
CMY	0.2039, 0.3098, 0.2941
CMYK	0.00, 0.13, 0.11, 0.20
HSL	351°, 21%, 74%
HSV	351°, 13%, 80%
XYZ	48.3924, 47.0425, 49.7132
YIQ	184.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

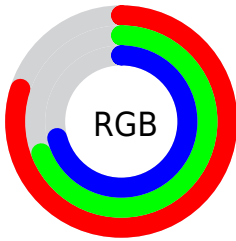
Format	Color
R _Y B	203, 176, 180
Decimal	13349044
CIE Lab	74.22, 10.39, 1.54
CIE LCh	74, 10.502, 8.442
Yxy	47.0425, 0.3334, 0.3241
Android (android.graphics.Color)	4291539124 (0xFFCBB0B4)
YUV	184.5290, -2.2328, 16.1991
Hunter-Lab	68.5875, 5.9136, 5.0370

Details

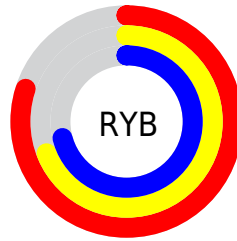
The Yxy color **47.0425, 0.3334, 0.3241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0655, 0.2953, 0.3340**, and the grayscale version is **48.2484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0294, 0.3259, 0.3251**, and **22.0878, 0.3402, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **39.0087, 0.3534, 0.3202**, and if you desaturate by 10%, it is **56.3588, 0.3173, 0.3278**.

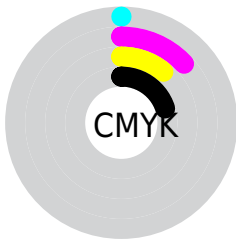
Distribution



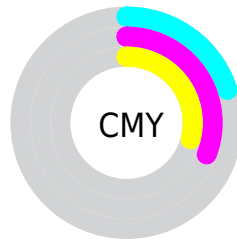
- Red (80%)
- Green (69%)
- Blue (71%)



- Red (80%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0425, 0.3334, 0.3241 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 47.0425, 0.3334, 0.3241 by changing the saturation by 10% instead.


 47.0425, 0.3334,
0.3241

 47.0425, 0.3334,
0.3241


374.9841, 0.3230,
0.3266

 33.0693, 0.3360,
0.3235


 85.7771, 0.3296,
0.3250

 22.1795, 0.3393,
0.3226


111.3072, 0.3282,
0.3254

 13.9889, 0.3438,
0.3215


141.4583, 0.3270,
0.3257

 8.1129, 0.3500,
0.3199

176.6150, 0.3260,
0.3259

 4.1673, 0.3593,
0.3175

217.1615, 0.3251,
0.3261

 1.7676, 0.3749,
0.3133

263.4823, 0.3243,

 0.4668, 0.4457,

0.3263

0.2984

315.9617, 0.3237,
0.3265

0.0000, 0.0000,
0.0000

47.0425, 0.3334,
0.3241

47.0425, 0.3334,
0.3241

39.0087, 0.3534,
0.3202

56.3588, 0.3173,
0.3278

32.1952, 0.3780,
0.3161

67.0036, 0.3043,
0.3313

26.5440, 0.4080,
0.3123

79.0287, 0.2938,
0.3344

21.9902, 0.4437,
0.3092

91.0663, 0.2852,
0.3350

18.4620, 0.4845,
0.3072

91.4364, 0.2822,
0.3289

■ 15.8795, 0.5278,
0.3074

■ 14.1506, 0.5695,
0.3101

■ 13.1649, 0.6037,
0.3155

■ 12.7907, 0.6209,
0.3194

Harmonies

Analogous

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



47.0425, 0.3204, 0.3129



47.0425, 0.3334, 0.3241



47.0425, 0.3408, 0.3368

Triad

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



47.0425, 0.3334, 0.3241



47.0425, 0.3194, 0.3535



47.0425, 0.2856, 0.3096

Complementary

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



47.0425, 0.3334, 0.3241



56.0655, 0.2953, 0.3340

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.



47.0425, 0.2854, 0.3202



47.0425, 0.3334, 0.3241



47.0425, 0.3047, 0.3460

Square

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



47.0425, 0.3334, 0.3241



47.0425, 0.3326, 0.3541



47.0425, 0.2923, 0.3336



47.0425, 0.2929, 0.3045

Rectangle

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



47.0425, 0.3334, 0.3241



47.0425, 0.3415, 0.3445



47.0425, 0.2923, 0.3336



47.0425, 0.2847, 0.3126

Sweetspot

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



47.0446, 0.3334, 0.3241



93.1169, 0.3184, 0.3276



47.4996, 0.3108, 0.2962



19.6625, 0.3195, 0.3273



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.



47.0446, 0.3334, 0.3241



74.6350, 0.3388, 0.3230



50.7189, 0.3353, 0.3407



11.2403, 0.3267, 0.3256



8.1484, 0.6183, 0.3180



0.4293, 0.5710, 0.2919

Inverse Universe

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



47.0446, 0.3334, 0.3241



74.6350, 0.3388, 0.3230



51.9265, 0.2923, 0.3170



11.2403, 0.3267, 0.3256



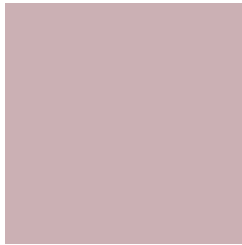
8.1484, 0.6183, 0.3180



0.4293, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 47.0425, 0.3334, 0.3241 looks on a white background.

Color Contrast Check

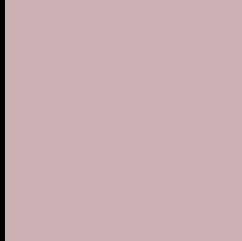
Large Text (above 18pt) WCAG AA × Fail

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 47.0425, 0.3334, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

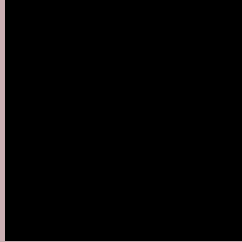
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0425, 0.3334, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 47.0425, 0.3334, 0.3241.



This preview shows how white text looks on a background with the Yxy color 47.0425, 0.3334, 0.3241.

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

47.0425, 0.3334, 0.3241

Protanopia

47.3139, 0.3153, 0.3277

Deuteranopia

47.1571, 0.3315, 0.3253



Tritanopia

47.1282, 0.3276, 0.3131

Trichromacy



Original Color

47.0425, 0.3334, 0.3241

Protanomaly

47.2264, 0.3215, 0.3265

Deuteranomaly

47.2961, 0.3324, 0.3253

Tritanomaly

47.0001, 0.3302, 0.3168

Monochromacy



Original Color

47.0425, 0.3334, 0.3241

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0813, 0.3205, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0425, 0.3334, 0.3241 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(203, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(203, 176, 180)  
}
```

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(203, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 47.0425, 0.3334, 0.3241 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(203, 176, 180) }
```

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

```
.border{ border-color:rgb(203, 176, 180) }
```

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

Here you see how a box with a 4 pixel rgb(203, 176, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(203, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0425, 0.3334, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 176, 180) }
```

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

```
.background{ background-color: rgb(203,  
176, 180) }
```

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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