

Converting Colors

$Y_{xy}(47.0248, 0.3295, 0.3120)$

Have a look what the booklet for
Yxy(47.0248, 0.3295, 0.3120)
contains.

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Color

Yxy(47.0248, 0.3295, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	CEAEBC
RGB	206, 174, 188
RGB Percent	81%, 68%, 74%
CMY	0.1922, 0.3176, 0.2628
CMYK	0.00, 0.16, 0.09, 0.19
HSL	334°, 25%, 75%
HSV	334°, 16%, 81%
XYZ	49.6624, 47.0248, 54.0333
YIQ	185.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

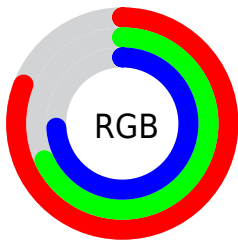
Format	Color
R _Y B	206, 174, 188
Decimal	13545148
CIE Lab	74.21, 13.90, -2.82
CIE LCh	74, 14.182, 348.549
Yxy	47.0248, 0.3295, 0.3120
Android (android.graphics.Color)	4291735228 (0xFFCEAEBC)
YUV	185.1640, 1.3981, 18.2732
Hunter-Lab	68.5746, 9.2658, 1.2848

Details

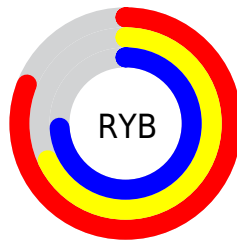
The Yxy color **47.0248, 0.3295, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9397, 0.2986, 0.3467**, and the grayscale version is **48.5979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3853, 0.3209, 0.3153**, and **22.2476, 0.3333, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **39.1884, 0.3433, 0.3004**, and if you desaturate by 10%, it is **56.1260, 0.3181, 0.3231**.

Distribution



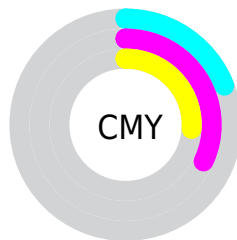
- Red (81%)
- Green (68%)
- Blue (74%)



- Red (81%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0248, 0.3295, 0.3120 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 47.0248, 0.3295, 0.3120 by changing the saturation by 10% instead.


 47.0248, 0.3295,
0.3120

 47.0248, 0.3295,
0.3120


374.9135, 0.3212,
0.3204

 33.0553, 0.3316,
0.3099


 85.7506, 0.3265,
0.3150

 22.1688, 0.3342,
0.3073


111.2757, 0.3254,
0.3162

 13.9810, 0.3377,
0.3038


141.4215, 0.3244,
0.3171

 8.1074, 0.3426,
0.2990

176.5722, 0.3236,
0.3180

 4.1638, 0.3498,
0.2920

217.1124, 0.3228,
0.3187

 1.7656, 0.3616,
0.2806

263.4264, 0.3222,

 0.4656, 0.4007,

0.3193

0.2386

315.8987, 0.3217,
0.3199

■ 0.0000, 0.0000,
0.0000

■ 47.0248, 0.3295,
0.3120

■ 47.0248, 0.3295,
0.3120

■ 39.1884, 0.3433,
0.3004

■ 56.1260, 0.3181,
0.3231

■ 32.5540, 0.3598,
0.2886

■ 66.5385, 0.3087,
0.3336

■ 27.0633, 0.3794,
0.2773

■ 78.3140, 0.3010,
0.3433

■ 22.6501, 0.4022,
0.2672

■ 90.5999, 0.2947,
0.3508

■ 19.2416, 0.4280,
0.2595

■ 91.2893, 0.2885,
0.3384

■ 16.7559, 0.4558,
0.2554

■ 91.8592, 0.2838,
0.3289

■ 15.0979, 0.4845,
0.2562

■ 14.1510, 0.5121,
0.2623

■ 13.8591, 0.5241,
0.2661

Harmonies

Analogous

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



47.0248, 0.3096, 0.3004



47.0248, 0.3295, 0.3120



47.0248, 0.3452, 0.3279

Triad

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



47.0248, 0.3295, 0.3120



47.0248, 0.3340, 0.3639



47.0248, 0.2751, 0.3114

Complementary

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



47.0248, 0.3295, 0.3120



56.9397, 0.2986, 0.3467

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.



47.0248, 0.2812, 0.3288



47.0248, 0.3295, 0.3120



47.0248, 0.3148, 0.3600

Square

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



47.0248, 0.3295, 0.3120



47.0248, 0.3477, 0.3580



47.0248, 0.2956, 0.3469



47.0248, 0.2786, 0.2996

Rectangle

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



47.0248, 0.3295, 0.3120



47.0248, 0.3508, 0.3392



47.0248, 0.2956, 0.3469



47.0248, 0.2761, 0.3168

Sweetspot

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



47.0269, 0.3295, 0.3120



91.6798, 0.3176, 0.3236



45.8861, 0.3023, 0.2895



19.3824, 0.3184, 0.3229



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.



47.0269, 0.3295, 0.3120



71.2550, 0.3343, 0.3077



47.0741, 0.3414, 0.3311



11.2938, 0.3223, 0.3189



8.5544, 0.5205, 0.2641



0.4565, 0.4718, 0.2373

Inverse Universe

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



47.0269, 0.3295, 0.3120



71.2550, 0.3343, 0.3077



56.8237, 0.2893, 0.3269



11.2938, 0.3223, 0.3189



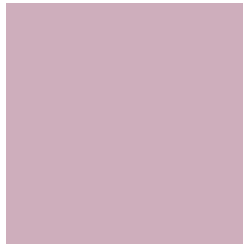
8.5544, 0.5205, 0.2641



0.4565, 0.4718, 0.2373

Previews

White Background



This preview shows how the Yxy color 47.0248, 0.3295, 0.3120 looks on a white background.

Color Contrast Check

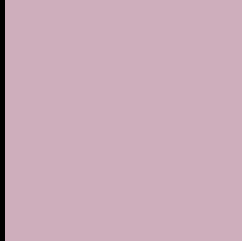
Large Text (above 18pt) WCAG AA × Fail

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 47.0248, 0.3295, 0.3120 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 47.0248, 0.3295, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 47.0248, 0.3295, 0.3120.



This preview shows how white text looks on a background with the Yxy color 47.0248, 0.3295, 0.3120.

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

47.0248, 0.3295, 0.3120

Protanopia

47.3289, 0.3058, 0.3162

Deuteranopia

47.0379, 0.3229, 0.3166



Tritanopia

47.0248, 0.3295, 0.3120

Trichromacy



Original Color

47.0248, 0.3295, 0.3120

Protanomaly

47.0782, 0.3134, 0.3139

Deuteranomaly

47.0560, 0.3257, 0.3154

Tritanomaly

47.0248, 0.3295, 0.3120

Monochromacy



Original Color

47.0248, 0.3295, 0.3120

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9304, 0.3190, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0248, 0.3295, 0.3120 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(206, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 174, 188)  
}
```

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(206, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 174, 188) }
```

Border

The CSS property to change the border of an element to Yxy 47.0248, 0.3295, 0.3120 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(206, 174, 188) }
```

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

```
.border{ border-color:rgb(206, 174, 188) }
```

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

Here you see how a box with a 4 pixel rgb(206, 174, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 174,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0248, 0.3295, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 174, 188) }
```

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

```
.background{ background-color: rgb(206,  
174, 188) }
```

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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