

Converting Colors

$Y_{xy}(45.6048, 0.3316, 0.3119)$

Have a look what the booklet for
Yxy(45.6048, 0.3316, 0.3119)
contains.

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Color

Yxy(45.6077, 0.3316, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	CDABB9
RGB	205, 171, 185
RGB Percent	80%, 67%, 73%
CMY	0.1960, 0.3294, 0.2744
CMYK	0.00, 0.17, 0.10, 0.20
HSL	335°, 25%, 74%
HSV	335°, 17%, 80%
XYZ	48.5039, 45.6077, 52.1607
YIQ	182.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

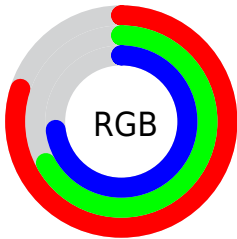
Format	Color
R _Y B	205, 171, 185
Decimal	13478841
CIE Lab	73.29, 14.69, -2.54
CIE LCh	73, 14.907, 350.178
Yxy	45.6077, 0.3316, 0.3118
Android (android.graphics.Color)	4291668921 (0xFFCDABB9)
YUV	182.7620, 1.1033, 19.5027
Hunter-Lab	67.5335, 10.0187, 1.4797

Details

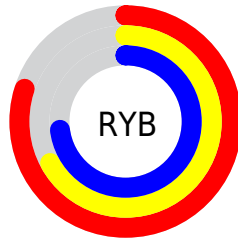
The Yxy color **45.6077, 0.3316, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0928, 0.2970, 0.3469**, and the grayscale version is **47.2069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0036, 0.3231, 0.3143**, and **21.3436, 0.3363, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **37.9686, 0.3463, 0.3008**, and if you desaturate by 10%, it is **54.4953, 0.3195, 0.3224**.

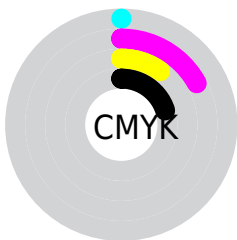
Distribution



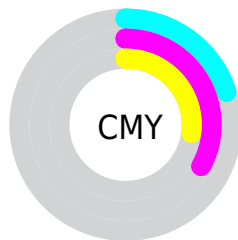
- Red (80%)
- Green (67%)
- Blue (73%)



- Red (80%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6077, 0.3316, 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 45.6077, 0.3316, 0.3118 by changing the saturation by 10% instead.


 45.6077, 0.3316,
0.3118

 45.6077, 0.3316,
0.3118


369.2292, 0.3222,
0.3203

 31.9364, 0.3340,
0.3097


 83.6316, 0.3282,
0.3149

 21.3129, 0.3370,
0.3070


108.7529, 0.3269,
0.3161

 13.3529, 0.3410,
0.3034


138.4597, 0.3258,
0.3170

 7.6720, 0.3466,
0.2984

173.1363, 0.3249,
0.3179

 3.8858, 0.3550,
0.2910

213.1672, 0.3241,
0.3186

 1.6099, 0.3689,
0.2790

258.9367, 0.3234,

 0.3643, 0.4289,

0.3193

0.2216

310.8293, 0.3227,
0.3198

0.0000, 0.0000,
0.0000

45.6077, 0.3316,
0.3118

45.6077, 0.3316,
0.3118

37.9686, 0.3463,
0.3008

54.4953, 0.3195,
0.3224

31.5156, 0.3639,
0.2897

64.6780, 0.3096,
0.3323

26.1901, 0.3849,
0.2791

76.2074, 0.3014,
0.3415

21.9261, 0.4092,
0.2698

89.1305, 0.2947,
0.3500

18.6507, 0.4367,
0.2630

91.1113, 0.2883,
0.3391

■ 16.2813, 0.4663,
0.2599

■ 91.7227, 0.2833,
0.3289

■ 14.7222, 0.4964,
0.2617

■ 13.8495, 0.5250,
0.2688

■ 13.6315, 0.5344,
0.2718

Harmonies

Analogous

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



45.6077, 0.3105, 0.2992



45.6077, 0.3316, 0.3118



45.6077, 0.3479, 0.3288

Triad

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



45.6077, 0.3316, 0.3118



45.6077, 0.3343, 0.3662



45.6077, 0.2728, 0.3094

Complementary

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



45.6077, 0.3316, 0.3118



56.0928, 0.2970, 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.



45.6077, 0.2787, 0.3276



45.6077, 0.3316, 0.3118



45.6077, 0.3138, 0.3614

Square

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



45.6077, 0.3316, 0.3118



45.6077, 0.3493, 0.3603



45.6077, 0.2935, 0.3470



45.6077, 0.2771, 0.2974

Rectangle

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



45.6077, 0.3316, 0.3118



45.6077, 0.3535, 0.3408



45.6077, 0.2935, 0.3470



45.6077, 0.2736, 0.3150

Sweetspot

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



45.6097, 0.3316, 0.3118



91.6600, 0.3178, 0.3239



44.5883, 0.3024, 0.2867



19.3776, 0.3186, 0.3232



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.



45.6097, 0.3316, 0.3118



69.8838, 0.3366, 0.3078



46.1286, 0.3435, 0.3326



11.2891, 0.3226, 0.3195



8.5017, 0.5308, 0.2698



0.4536, 0.4801, 0.2418

Inverse Universe

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



45.6097, 0.3316, 0.3118



69.8838, 0.3366, 0.3078



55.3959, 0.2877, 0.3254



11.2891, 0.3226, 0.3195



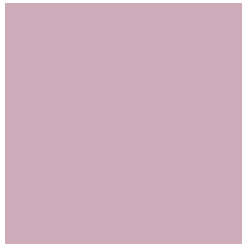
8.5017, 0.5308, 0.2698



0.4536, 0.4801, 0.2418

Previews

White Background



This preview shows how the Yxy color 45.6077, 0.3316, 0.3118 looks on a white background.

Color Contrast Check

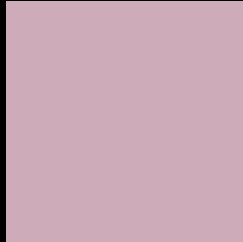
Large Text (above 18pt) WCAG AA × Fail

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 45.6077, 0.3316, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

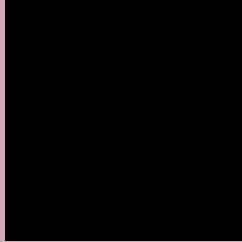
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6077, 0.3316, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 45.6077, 0.3316, 0.3118.



This preview shows how white text looks on a background with the Yxy color 45.6077, 0.3316, 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

45.6077, 0.3316, 0.3118

Protanopia

45.7817, 0.3057, 0.3147

Deuteranopia

45.8564, 0.3239, 0.3177



Tritanopia

45.5656, 0.3325, 0.3131

Trichromacy



Original Color

45.6077, 0.3316, 0.3118

Protanomaly

45.6287, 0.3152, 0.3137

Deuteranomaly

45.8749, 0.3267, 0.3165

Tritanomaly

45.5656, 0.3325, 0.3131

Monochromacy



Original Color

45.6077, 0.3316, 0.3118

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7773, 0.3191, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6077, 0.3316, 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(205, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 185)  
}
```

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(205, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.6077, 0.3316, 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(205, 171, 185) }
```

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

```
.border{ border-color:rgb(205, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6077, 0.3316, 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(205, 171, 185) }
```

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

```
.background{ background-color: rgb(205,  
171, 185) }
```

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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