

Converting Colors

$Y_{xy}(45.1953, 0.3284, 0.3120)$

Have a look what the booklet for
Yxy(45.1953, 0.3284, 0.3120)
contains.

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Color

Yxy(45.0461, 0.3280, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	C9ABB9
RGB	201, 171, 185
RGB Percent	79%, 67%, 73%
CMY	0.2116, 0.3295, 0.2745
CMYK	0.00, 0.15, 0.08, 0.21
HSL	332°, 22%, 73%
HSV	332°, 15%, 79%
XYZ	47.4169, 45.0461, 52.1008
YIQ	181.5660, 13.3860, 10.7140

Conversions

Conversions Part 2

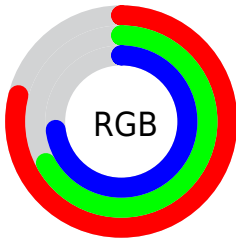
Format	Color
R _Y B	201, 171, 185
Decimal	13216697
CIE Lab	72.92, 13.27, -3.12
CIE LCh	73, 13.629, 346.777
Yxy	45.0461, 0.3280, 0.3116
Android (android.graphics.Color)	4291406777 (0xFFC9ABB9)
YUV	181.5660, 1.6930, 17.0436
Hunter-Lab	67.1164, 8.6545, 0.9561

Details

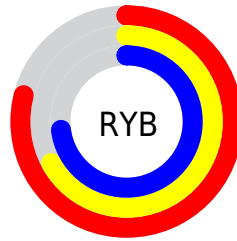
The Yxy color **45.0461, 0.3280, 0.3116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0394, 0.2997, 0.3471**, and the grayscale version is **46.5196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0036, 0.3231, 0.3143**, and **21.0626, 0.3325, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **37.5865, 0.3409, 0.2993**, and if you desaturate by 10%, it is **53.6989, 0.3173, 0.3234**.

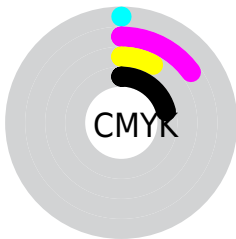
Distribution



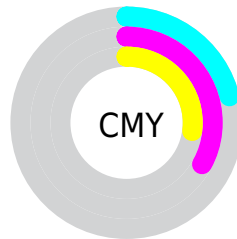
- Red (79%)
- Green (67%)
- Blue (73%)



- Red (79%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0461, 0.3280, 0.3116 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 45.0461, 0.3280, 0.3116 by changing the saturation by 10% instead.


 45.0461, 0.3280,
0.3116

 45.0461, 0.3280,
0.3116


366.9602, 0.3204,
0.3203

 31.4937, 0.3299,
0.3095


 82.7896, 0.3252,
0.3147

 20.9751, 0.3324,
0.3067


107.7495, 0.3242,
0.3159

 13.1058, 0.3356,
0.3031


137.2807, 0.3233,
0.3169

 7.5014, 0.3402,
0.2980

171.7676, 0.3226,
0.3178

 3.7776, 0.3470,
0.2905

211.5947, 0.3219,
0.3185

 1.5500, 0.3583,
0.2783

257.1462, 0.3213,

 0.3235, 0.4140,

0.3192

0.2121

308.8066, 0.3208,
0.3197

0.0000, 0.0000,
0.0000

45.0461, 0.3280,
0.3116

45.0461, 0.3280,
0.3116

37.5865, 0.3409,
0.2993

53.6989, 0.3173,
0.3234

31.2615, 0.3564,
0.2868

63.5885, 0.3085,
0.3345

26.0163, 0.3746,
0.2747

74.7634, 0.3012,
0.3448

21.7890, 0.3958,
0.2638

87.2678, 0.2952,
0.3543

18.5119, 0.4197,
0.2552

90.1539, 0.2896,
0.3463

■ 16.1083, 0.4456,
0.2502

■ 90.8054, 0.2840,
0.3348

■ 14.4899, 0.4724,
0.2500

■ 91.1637, 0.2811,
0.3289

■ 13.5492, 0.4985,
0.2552

■ 13.2284, 0.5114,
0.2591

Harmonies

Analogous

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



45.0461, 0.3085, 0.3006



45.0461, 0.3280, 0.3116



45.0461, 0.3436, 0.3270

Triad

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



45.0461, 0.3280, 0.3116



45.0461, 0.3344, 0.3629



45.0461, 0.2761, 0.3128

Complementary

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



45.0461, 0.3280, 0.3116



54.0394, 0.2997, 0.3471

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.



45.0461, 0.2826, 0.3299



45.0461, 0.3280, 0.3116



45.0461, 0.3160, 0.3597

Square

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



45.0461, 0.3280, 0.3116



45.0461, 0.3473, 0.3567



45.0461, 0.2970, 0.3474



45.0461, 0.2790, 0.3008

Rectangle

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



45.0461, 0.3280, 0.3116



45.0461, 0.3496, 0.3381



45.0461, 0.2970, 0.3474



45.0461, 0.2772, 0.3181

Sweetspot

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



45.0481, 0.3280, 0.3116



93.3184, 0.3164, 0.3244



43.9073, 0.3023, 0.2910



19.7134, 0.3172, 0.3236



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.



45.0481, 0.3280, 0.3116



72.6523, 0.3320, 0.3076



44.8645, 0.3402, 0.3303



10.7179, 0.3218, 0.3183



8.3316, 0.5080, 0.2572



0.4091, 0.4590, 0.2302

Inverse Universe

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



45.0481, 0.3280, 0.3116



72.6523, 0.3320, 0.3076



54.2041, 0.2902, 0.3277



10.7179, 0.3218, 0.3183



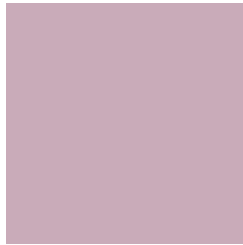
8.3316, 0.5080, 0.2572



0.4091, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 45.0461, 0.3280, 0.3116 looks on a white background.

Color Contrast Check

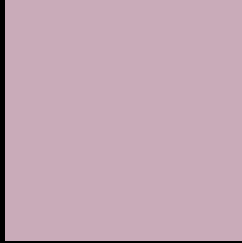
Large Text (above 18pt) WCAG AA × Fail

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 45.0461, 0.3280, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

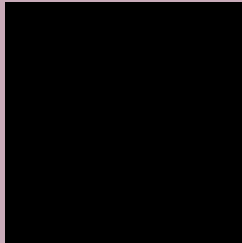
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0461, 0.3280, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 45.0461, 0.3280, 0.3116.



This preview shows how white text looks on a background with the Yxy color 45.0461, 0.3280, 0.3116.

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

45.0461, 0.3280, 0.3116

Protanopia

45.0986, 0.3048, 0.3146

Deuteranopia

45.2021, 0.3222, 0.3164



Tritanopia

45.0040, 0.3288, 0.3129

Trichromacy



Original Color

45.0461, 0.3280, 0.3116

Protanomaly

44.8556, 0.3126, 0.3123

Deuteranomaly

45.2181, 0.3250, 0.3152

Tritanomaly

45.0040, 0.3288, 0.3129

Monochromacy



Original Color

45.0461, 0.3280, 0.3116

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0785, 0.3182, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0461, 0.3280, 0.3116 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(201, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.0461, 0.3280, 0.3116 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(201, 171, 185) }
```

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

```
.border{ border-color:rgb(201, 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(201, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0461, 0.3280, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 185) }
```

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

```
.background{ background-color: rgb(201,  
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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