

Converting Colors

$Yxy(45.0457, 0.3499, 0.3159)$

Have a look what the booklet for
Yxy(45.0457, 0.3499, 0.3159)
contains.

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Color

Yxy(45.0457, 0.3499, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	D8A6B1
RGB	216, 166, 177
RGB Percent	85%, 65%, 69%
CMY	0.1529, 0.3490, 0.3059
CMYK	0.00, 0.23, 0.18, 0.15
HSL	347°, 39%, 75%
HSV	347°, 23%, 85%
XYZ	49.8939, 45.0457, 47.6552
YIQ	182.2040, 26.2690, 14.0210

Conversions

Conversions Part 2

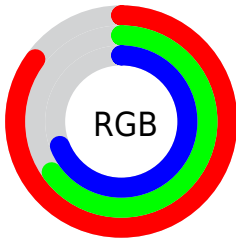
Format	Color
R _Y B	216, 166, 177
Decimal	14198449
CIE Lab	72.92, 20.06, 1.46
CIE LCh	73, 20.111, 4.175
Yxy	45.0457, 0.3499, 0.3159
Android (android.graphics.Color)	4292388529 (0xFFD8A6B1)
YUV	182.2040, -2.5656, 29.6391
Hunter-Lab	67.1161, 15.2433, 4.8829

Details

The Yxy color **45.0457, 0.3499, 0.3159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6366, 0.2852, 0.3426**, and the grayscale version is **46.9010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8561, 0.3290, 0.3171**, and **20.9889, 0.3594, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **37.2116, 0.3724, 0.3099**, and if you desaturate by 10%, it is **54.2859, 0.3316, 0.3218**.

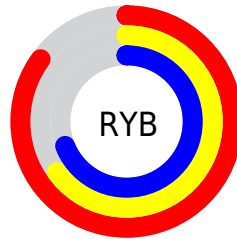
Distribution



Red (85%)

Green (65%)

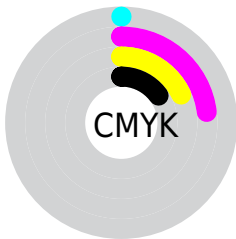
Blue (69%)



Red (85%)

Yellow (65%)

Blue (69%)

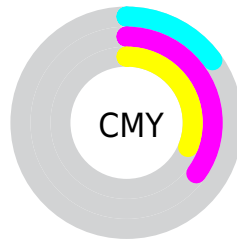


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0457, 0.3499, 0.3159 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 45.0457, 0.3499, 0.3159 by changing the saturation by 10% instead.

 45.0457, 0.3499,
0.3159


 45.0457, 0.3499,
0.3159


366.9586, 0.3312,
0.3226

 31.4934, 0.3546,
0.3142


 82.7890, 0.3431,
0.3184

 20.9749, 0.3607,
0.3120

 107.7488, 0.3405,
0.3193

 13.1056, 0.3689,
0.3090


137.2799, 0.3383,
0.3200

 7.5013, 0.3804,
0.3047

171.7667, 0.3365,
0.3207

 3.7776, 0.3978,
0.2983

211.5935, 0.3349,
0.3213

 1.5499, 0.4270,
0.2871

257.1449, 0.3335,

 0.3235, 0.5816,

0.3218

0.2360

308.8051, 0.3322,
0.3222

0.0000, 0.0000,
0.0000

45.0457, 0.3499,
0.3159

45.0457, 0.3499,
0.3159

37.2116, 0.3724,
0.3099

54.2859, 0.3316,
0.3218

30.7087, 0.3997,
0.3041

64.9902, 0.3168,
0.3273

25.4641, 0.4322,
0.2992

77.2208, 0.3048,
0.3325

21.3959, 0.4695,
0.2958

91.0344, 0.2950,
0.3372

18.4121, 0.5098,
0.2952

93.3416, 0.2894,
0.3289

■ 16.4070, 0.5497,
0.2980

■ 15.2532, 0.5848,
0.3046

■ 14.8107, 0.6043,
0.3103

Harmonies

Analogous

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



45.0457, 0.3232, 0.2960



45.0457, 0.3499, 0.3159



45.0457, 0.3666, 0.3395

Triad

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



45.0457, 0.3499, 0.3159



45.0457, 0.3291, 0.3787



45.0457, 0.2602, 0.2934

Complementary

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



45.0457, 0.3499, 0.3159



61.6366, 0.2852, 0.3426

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.



45.0457, 0.2617, 0.3145



45.0457, 0.3499, 0.3159



45.0457, 0.3006, 0.3657

Square

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



45.0457, 0.3499, 0.3159



45.0457, 0.3540, 0.3767



45.0457, 0.2762, 0.3414



45.0457, 0.2719, 0.2828

Rectangle

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



45.0457, 0.3499, 0.3159



45.0457, 0.3693, 0.3549



45.0457, 0.2762, 0.3414



45.0457, 0.2591, 0.2994

Sweetspot

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



45.0478, 0.3499, 0.3159



88.2705, 0.3222, 0.3252



45.1173, 0.3053, 0.2699



18.6881, 0.3231, 0.3249



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.



45.0478, 0.3499, 0.3159



59.5121, 0.3608, 0.3128



49.7304, 0.3567, 0.3451



12.4650, 0.3257, 0.3239



8.7781, 0.6008, 0.3083



0.5421, 0.5516, 0.2812

Inverse Universe

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



45.0478, 0.3499, 0.3159



59.5121, 0.3608, 0.3128



55.6263, 0.2773, 0.3123



12.4650, 0.3257, 0.3239



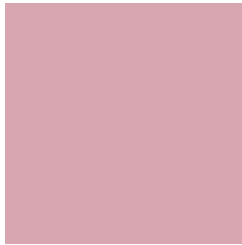
8.7781, 0.6008, 0.3083



0.5421, 0.5516, 0.2812

Previews

White Background



This preview shows how the Yxy color 45.0457, 0.3499, 0.3159 looks on a white background.

Color Contrast Check

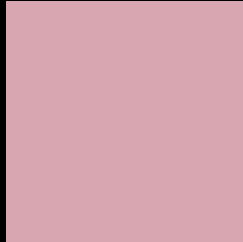
Large Text (above 18pt) WCAG AA × Fail

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 45.0457, 0.3499, 0.3159 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 45.0457, 0.3499, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 45.0457, 0.3499, 0.3159.



This preview shows how white text looks on a background with the Yxy color 45.0457, 0.3499, 0.3159.

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

45.0457, 0.3499, 0.3159

Protanopia

45.1252, 0.3105, 0.3211

Deuteranopia

45.0275, 0.3328, 0.3253



Tritanopia

45.1260, 0.3480, 0.3135

Trichromacy



Original Color

45.0457, 0.3499, 0.3159

Protanomaly

45.0776, 0.3247, 0.3201

Deuteranomaly

44.8632, 0.3397, 0.3216

Tritanomaly

45.0857, 0.3489, 0.3147

Monochromacy



Original Color

45.0457, 0.3499, 0.3159

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8153, 0.3253, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0457, 0.3499, 0.3159 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(216, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 177)  
}
```

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(216, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.0457, 0.3499, 0.3159 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(216, 166, 177) }
```

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

```
.border{ border-color:rgb(216, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0457, 0.3499, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 177) }
```

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

```
.background{ background-color: rgb(216,  
166, 177) }
```

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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