

Converting Colors

Yxy(48.7618, 0.3484, 0.3166)

Have a look what the booklet for
Yxy(48.7618, 0.3484, 0.3166)
contains.

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Color

Yxy(48.8356, 0.3485, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	DEADB7
RGB	222, 173, 183
RGB Percent	87%, 68%, 72%
CMY	0.1293, 0.3216, 0.2823
CMYK	0.00, 0.22, 0.18, 0.13
HSL	348°, 43%, 77%
HSV	348°, 22%, 87%
XYZ	53.6207, 48.8356, 51.4051
YIQ	188.7910, 25.9940, 13.4980

Conversions

Conversions Part 2

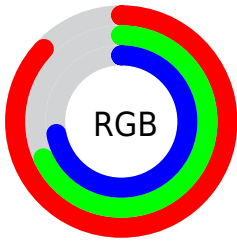
Format	Color
R _Y B	222, 173, 183
Decimal	14593463
CIE Lab	75.35, 19.40, 1.77
CIE LCh	75, 19.479, 5.201
Yxy	48.8356, 0.3485, 0.3174
Android (android.graphics.Color)	4292783543 (0xFFDEADB7)
YUV	188.7910, -2.8550, 29.1243
Hunter-Lab	69.8825, 14.6684, 5.3044

Details

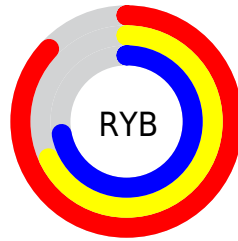
The Yxy color **48.8356, 0.3485, 0.3174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8919, 0.2859, 0.3410**, and the grayscale version is **50.7710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5306, 0.3242, 0.3192**, and **23.1516, 0.3586, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **40.3290, 0.3710, 0.3118**, and if you desaturate by 10%, it is **58.8538, 0.3302, 0.3228**.

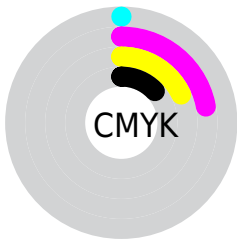
Distribution



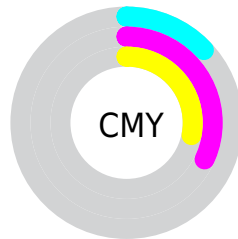
- Red (87%)
- Green (68%)
- Blue (72%)



- Red (87%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8356, 0.3485, 0.3174 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 48.8356, 0.3485, 0.3174 by changing the saturation by 10% instead.


 48.8356, 0.3485,
0.3174

 48.8356, 0.3485,
0.3174

382.0948, 0.3307,
0.3233

 34.4891, 0.3529,
0.3159


 88.4472, 0.3420,
0.3195

 23.2696, 0.3586,
0.3140


114.4811, 0.3396,
0.3203

 14.7927, 0.3661,
0.3115

145.1796, 0.3376,
0.3210

 8.6740, 0.3765,
0.3079

180.9271, 0.3358,
0.3216

 4.5292, 0.3920,
0.3025

222.1080, 0.3343,
0.3221

 1.9738, 0.4172,
0.2935

269.1066, 0.3329,

 0.5922, 0.4858,

0.3225

0.2735

322.3074, 0.3317,
0.3229

0.0000, 0.0000,
0.0000

48.8356, 0.3485,
0.3174

48.8356, 0.3485,
0.3174

40.3290, 0.3710,
0.3118

58.8538, 0.3302,
0.3228

33.2540, 0.3985,
0.3064

70.4452, 0.3154,
0.3280

27.5335, 0.4313,
0.3017

83.6760, 0.3035,
0.3327

23.0803, 0.4690,
0.2985

94.1882, 0.2936,
0.3303

19.7970, 0.5099,
0.2978

94.2731, 0.2929,
0.3289

■ 17.5720, 0.5507,
0.3003

■ 16.2716, 0.5865,
0.3065

■ 15.7253, 0.6089,
0.3128

Harmonies

Analogous

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



48.8356, 0.3235, 0.2984



48.8356, 0.3485, 0.3174



48.8356, 0.3638, 0.3398

Triad

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



48.8356, 0.3485, 0.3174



48.8356, 0.3273, 0.3756



48.8356, 0.2632, 0.2949

Complementary

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



48.8356, 0.3485, 0.3174



65.8919, 0.2859, 0.3410

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.



48.8356, 0.2642, 0.3146



48.8356, 0.3485, 0.3174



48.8356, 0.3005, 0.3628

Square

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



48.8356, 0.3485, 0.3174



48.8356, 0.3510, 0.3743



48.8356, 0.2776, 0.3398



48.8356, 0.2748, 0.2852

Rectangle

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



48.8356, 0.3485, 0.3174



48.8356, 0.3660, 0.3542



48.8356, 0.2776, 0.3398



48.8356, 0.2621, 0.3005

Sweetspot

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



48.8378, 0.3485, 0.3174



88.2540, 0.3224, 0.3255



49.0685, 0.3064, 0.2728



18.6843, 0.3233, 0.3252



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.



48.8378, 0.3485, 0.3174



61.8021, 0.3572, 0.3151



54.0425, 0.3541, 0.3453



13.7461, 0.3260, 0.3242



9.3513, 0.6056, 0.3110



0.6611, 0.5630, 0.2875

Inverse Universe

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



48.8378, 0.3485, 0.3174



61.8021, 0.3572, 0.3151



59.3346, 0.2788, 0.3121



13.7461, 0.3260, 0.3242



9.3513, 0.6056, 0.3110



0.6611, 0.5630, 0.2875

Previews

White Background



This preview shows how the Yxy color 48.8356, 0.3485, 0.3174 looks on a white background.

Color Contrast Check

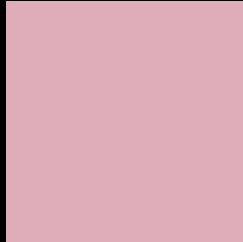
Large Text (above 18pt) WCAG AA × Fail

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 48.8356, 0.3485, 0.3174 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 48.8356, 0.3485, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 48.8356, 0.3485, 0.3174.



This preview shows how white text looks on a background with the Yxy color 48.8356, 0.3485, 0.3174.

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

48.8356, 0.3485, 0.3174

Protanopia

49.1070, 0.3113, 0.3227

Deuteranopia

48.9991, 0.3329, 0.3266



Tritanopia

48.9619, 0.3458, 0.3139

Trichromacy



Original Color

48.8356, 0.3485, 0.3174

Protanomaly

48.9150, 0.3242, 0.3216

Deuteranomaly

48.6706, 0.3387, 0.3230

Tritanomaly

48.9195, 0.3467, 0.3151

Monochromacy



Original Color

48.8356, 0.3485, 0.3174

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8723, 0.3249, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8356, 0.3485, 0.3174 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(222, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 183)  
}
```

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(222, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 183) }
```

Border

The CSS property to change the border of an element to Yxy 48.8356, 0.3485, 0.3174 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(222, 173, 183) }
```

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

```
.border{ border-color:rgb(222, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8356, 0.3485, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 183) }
```

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

```
.background{ background-color: rgb(222,  
173, 183) }
```

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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