

Converting Colors

$Y_{xy}(49.0539, 0.3465, 0.3148)$

Have a look what the booklet for
Yxy(49.0539, 0.3465, 0.3148)
contains.

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Color

Yxy(48.9195, 0.3467, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	DEADB9
RGB	222, 173, 185
RGB Percent	87%, 68%, 73%
CMY	0.1294, 0.3216, 0.2745
CMYK	0.00, 0.22, 0.17, 0.13
HSL	345°, 43%, 77%
HSV	345°, 22%, 87%
XYZ	53.8254, 48.9195, 52.5058
YIQ	189.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

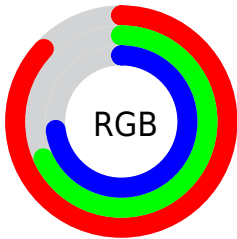
Format	Color
R _Y B	222, 173, 185
Decimal	14593465
CIE Lab	75.40, 19.70, 0.75
CIE LCh	75, 19.713, 2.187
Yxy	48.9195, 0.3467, 0.3151
Android (android.graphics.Color)	4292783545 (0xFFDEADB9)
YUV	189.0190, -1.9814, 28.9243
Hunter-Lab	69.9425, 14.9684, 4.4508

Details

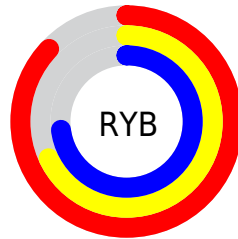
The Yxy color **48.9195, 0.3467, 0.3151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.7821, 0.2871, 0.3434**, and the grayscale version is **50.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6495, 0.3229, 0.3173**, and **23.2059, 0.3561, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **40.4363, 0.3680, 0.3084**, and if you desaturate by 10%, it is **58.9052, 0.3293, 0.3216**.

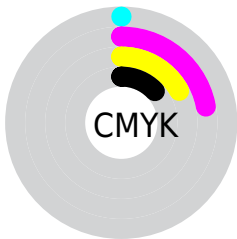
Distribution



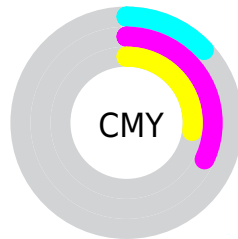
- Red (87%)
- Green (68%)
- Blue (73%)



- Red (87%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9195, 0.3467, 0.3151 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 48.9195, 0.3467, 0.3151 by changing the saturation by 10% instead.

 48.9195, 0.3467,
0.3151

 48.9195, 0.3467,
0.3151


382.4253, 0.3298,
0.3220

 34.5556, 0.3509,
0.3134


 88.5719, 0.3406,
0.3176

 23.3208, 0.3562,
0.3111


114.6292, 0.3383,
0.3186

 14.8305, 0.3633,
0.3082


145.3531, 0.3363,
0.3194

 8.7005, 0.3732,
0.3041

181.1280, 0.3347,
0.3201

 4.5464, 0.3877,
0.2980

222.3382, 0.3332,
0.3207

 1.9837, 0.4114,
0.2879

269.3683, 0.3319,

 0.5979, 0.4713,

0.3212

0.2642

322.6025, 0.3308,
0.3216

0.0000, 0.0000,
0.0000

48.9195, 0.3467,
0.3151

48.9195, 0.3467,
0.3151

40.4363, 0.3680,
0.3084

58.9052, 0.3293,
0.3216

33.3762, 0.3939,
0.3019

70.4545, 0.3153,
0.3278

27.6626, 0.4248,
0.2962

83.6331, 0.3039,
0.3335

23.2091, 0.4603,
0.2921

94.0820, 0.2945,
0.3319

19.9188, 0.4992,
0.2907

94.2701, 0.2929,
0.3289

■ 17.6811, 0.5384,
0.2930

■ 16.3631, 0.5740,
0.2994

■ 15.7999, 0.5973,
0.3064

Harmonies

Analogous

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



48.9195, 0.3209, 0.2965



48.9195, 0.3467, 0.3151



48.9195, 0.3634, 0.3376

Triad

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



48.9195, 0.3467, 0.3151



48.9195, 0.3301, 0.3767



48.9195, 0.2622, 0.2961

Complementary

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



48.9195, 0.3467, 0.3151



65.7821, 0.2871, 0.3434

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.



48.9195, 0.2645, 0.3168



48.9195, 0.3467, 0.3151



48.9195, 0.3030, 0.3651

Square

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



48.9195, 0.3467, 0.3151



48.9195, 0.3534, 0.3739



48.9195, 0.2791, 0.3425



48.9195, 0.2726, 0.2852

Rectangle

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



48.9195, 0.3467, 0.3151



48.9195, 0.3667, 0.3524



48.9195, 0.2791, 0.3425



48.9195, 0.2615, 0.3021

Sweetspot

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



48.9217, 0.3467, 0.3151



88.2974, 0.3219, 0.3248



48.8283, 0.3050, 0.2726



18.6943, 0.3228, 0.3244



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.



48.9217, 0.3467, 0.3151



61.9310, 0.3550, 0.3123



53.3516, 0.3545, 0.3434



13.7553, 0.3254, 0.3233



9.3994, 0.5938, 0.3045



0.6656, 0.5499, 0.2803

Inverse Universe

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



48.9217, 0.3467, 0.3151



61.9310, 0.3550, 0.3123



60.1302, 0.2790, 0.3141



13.7553, 0.3254, 0.3233



9.3994, 0.5938, 0.3045



0.6656, 0.5499, 0.2803

Previews

White Background



This preview shows how the Yxy color 48.9195, 0.3467, 0.3151 looks on a white background.

Color Contrast Check

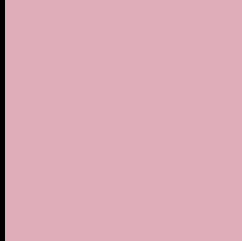
Large Text (above 18pt) WCAG AA × Fail

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 48.9195, 0.3467, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

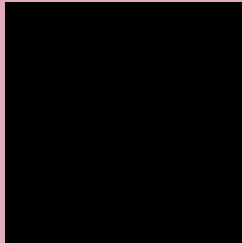
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9195, 0.3467, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 48.9195, 0.3467, 0.3151.



This preview shows how white text looks on a background with the Yxy color 48.9195, 0.3467, 0.3151.

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

48.9195, 0.3467, 0.3151

Protanopia

49.1951, 0.3098, 0.3202

Deuteranopia

49.0823, 0.3312, 0.3242



Tritanopia

48.9619, 0.3458, 0.3139

Trichromacy



Original Color

48.9195, 0.3467, 0.3151

Protanomaly

49.0012, 0.3226, 0.3192

Deuteranomaly

48.7539, 0.3370, 0.3206

Tritanomaly

48.9619, 0.3458, 0.3139

Monochromacy



Original Color

48.9195, 0.3467, 0.3151

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.9153, 0.3241, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9195, 0.3467, 0.3151 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 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(222, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.9195, 0.3467, 0.3151 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, 185) }
```

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

```
.border{ border-color:rgb(222, 173, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9195, 0.3467, 0.3151 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, 185) }
```

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

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