

Converting Colors

$Yxy(48.9798, 0.3446, 0.3198)$

Have a look what the booklet for
Yxy(48.9798, 0.3446, 0.3198)
contains.

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Color

Yxy(48.9843, 0.3445, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	DAAF7
RGB	218, 175, 183
RGB Percent	85%, 69%, 72%
CMY	0.1449, 0.3138, 0.2823
CMYK	0.00, 0.20, 0.16, 0.14
HSL	349°, 37%, 77%
HSV	349°, 20%, 86%
XYZ	52.8007, 48.9843, 51.4826
YIQ	188.7690, 23.0600, 11.6040

Conversions

Conversions Part 2

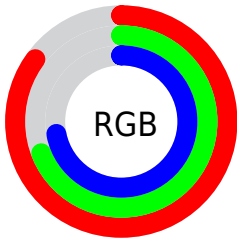
Format	Color
R _Y B	218, 175, 183
Decimal	14331831
CIE Lab	75.44, 16.88, 1.85
CIE LCh	75, 16.983, 6.245
Yxy	48.9843, 0.3445, 0.3196
Android (android.graphics.Color)	4292521911 (0xFFDAAFB7)
YUV	188.7690, -2.8441, 25.6356
Hunter-Lab	69.9888, 12.1829, 5.3794

Details

The Yxy color **48.9843, 0.3445, 0.3196** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.9287, 0.2881, 0.3387**, and the grayscale version is **50.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6438, 0.3240, 0.3212**, and **23.3173, 0.3543, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **40.4813, 0.3664, 0.3145**, and if you desaturate by 10%, it is **58.9551, 0.3267, 0.3245**.

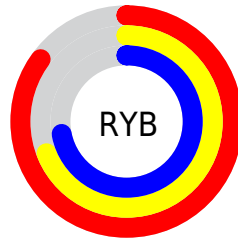
Distribution



Red (85%)

Green (69%)

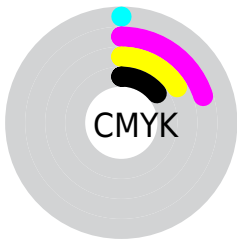
Blue (72%)



Red (85%)

Yellow (69%)

Blue (72%)

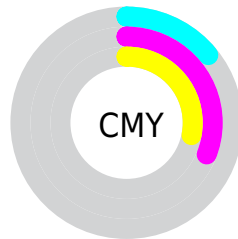


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (14%)



Cyan (14%)


Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9843, 0.3445, 0.3196 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 48.9843, 0.3445, 0.3196 by changing the saturation by 10% instead.

 48.9843, 0.3445,
0.3196

 48.9843, 0.3445,
0.3196

382.6805, 0.3287,
0.3244

 34.6070, 0.3484,
0.3184


 88.6681, 0.3388,
0.3213

 23.3603, 0.3535,
0.3168


114.7435, 0.3366,
0.3220

 14.8598, 0.3601,
0.3148


145.4870, 0.3348,
0.3225

 8.7210, 0.3694,
0.3118

181.2830, 0.3332,
0.3230

 4.5597, 0.3831,
0.3074

222.5160, 0.3319,
0.3234

 1.9913, 0.4056,
0.3000

269.5703, 0.3307,

 0.6024, 0.4679,

0.3238

0.2839

322.8304, 0.3296,
0.3241

0.0000, 0.0000,
0.0000

48.9843, 0.3445,
0.3196

48.9843, 0.3445,
0.3196

40.4813, 0.3664,
0.3145

58.9551, 0.3267,
0.3245

33.3703, 0.3933,
0.3095

70.4516, 0.3124,
0.3291

27.5788, 0.4256,
0.3051

83.5365, 0.3008,
0.3334

23.0252, 0.4631,
0.3018

93.5847, 0.2911,
0.3300

19.6185, 0.5043,
0.3007

93.6513, 0.2906,
0.3289

■ 17.2553, 0.5461,
0.3025

■ 15.8135, 0.5836,
0.3076

■ 15.0845, 0.6125,
0.3150

■ 15.0692, 0.6131,
0.3151

Harmonies

Analogous

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



48.9843, 0.3230, 0.3026



48.9843, 0.3445, 0.3196



48.9843, 0.3574, 0.3394

Triad

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



48.9843, 0.3445, 0.3196



48.9843, 0.3248, 0.3692



48.9843, 0.2696, 0.2989

Complementary

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



48.9843, 0.3445, 0.3196



63.9287, 0.2881, 0.3387

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.



48.9843, 0.2701, 0.3159



48.9843, 0.3445, 0.3196



48.9843, 0.3013, 0.3577

Square

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



48.9843, 0.3445, 0.3196



48.9843, 0.3455, 0.3687



48.9843, 0.2815, 0.3377



48.9843, 0.2801, 0.2906

Rectangle

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



48.9843, 0.3445, 0.3196



48.9843, 0.3590, 0.3519



48.9843, 0.2815, 0.3377



48.9843, 0.2685, 0.3037

Sweetspot

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



48.9865, 0.3445, 0.3196



89.8479, 0.3211, 0.3263



49.3372, 0.3078, 0.2791



19.0051, 0.3221, 0.3259



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.



48.9865, 0.3445, 0.3196



64.1730, 0.3537, 0.3173



53.9312, 0.3487, 0.3443



13.0910, 0.3262, 0.3247



9.0361, 0.6100, 0.3134



0.5973, 0.5659, 0.2891

Inverse Universe

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



48.9865, 0.3445, 0.3196



64.1730, 0.3537, 0.3173



57.8982, 0.2823, 0.3132



13.0910, 0.3262, 0.3247



9.0361, 0.6100, 0.3134



0.5973, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 48.9843, 0.3445, 0.3196 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 48.9843, 0.3445, 0.3196 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 48.9843, 0.3445, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 48.9843, 0.3445, 0.3196.



This preview shows how white text looks on a background with the Yxy color 48.9843, 0.3445, 0.3196.

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

48.9843, 0.3445, 0.3196

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

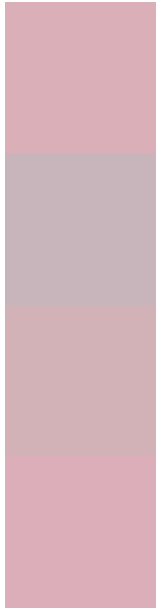
48.9991, 0.3329, 0.3266



Tritanopia

48.9630, 0.3412, 0.3127

Trichromacy



Original Color

48.9843, 0.3445, 0.3196

Protanomaly

48.7777, 0.3234, 0.3216

Deuteranomaly

48.9198, 0.3376, 0.3242

Tritanomaly

48.8773, 0.3429, 0.3150

Monochromacy



Original Color

48.9843, 0.3445, 0.3196

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1482, 0.3239, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9843, 0.3445, 0.3196 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(218, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(218, 175, 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(218, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 48.9843, 0.3445, 0.3196 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(218, 175, 183) }
```

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

```
.border{ border-color:rgb(218, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(218, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9843, 0.3445, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 175, 183) }
```

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

```
.background{ background-color: rgb(218,  
175, 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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