

Converting Colors

$Y_{xy}(34.5253, 0.3834, 0.3171)$

Have a look what the booklet for
Yxy(34.5253, 0.3834, 0.3171)
contains.

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Color

Yxy(34.6004, 0.3835, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	D48B94
RGB	212, 139, 148
RGB Percent	83%, 55%, 58%
CMY	0.1684, 0.4550, 0.4196
CMYK	0.00, 0.34, 0.30, 0.17
HSL	353°, 46%, 69%
HSV	353°, 34%, 83%
XYZ	41.7403, 34.6004, 32.4998
YIQ	161.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

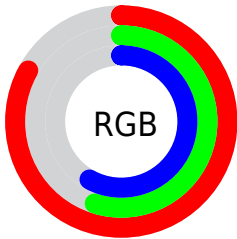
Format	Color
R _Y B	212, 139, 148
Decimal	13929364
CIE Lab	65.44, 29.03, 6.75
CIE LCh	65, 29.806, 13.083
Yxy	34.6004, 0.3835, 0.3179
Android (android.graphics.Color)	4292119444 (0xFFD48B94)
YUV	161.8530, -6.8295, 43.9789
Hunter-Lab	58.8221, 23.7254, 8.4172

Details

The Yxy color **34.6004, 0.3835, 0.3179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9112, 0.2693, 0.3408**, and the grayscale version is **36.0784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6642, 0.3565, 0.3198**, and **14.9104, 0.4081, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **28.5045, 0.4153, 0.3148**, and if you desaturate by 10%, it is **41.9849, 0.3574, 0.3212**.

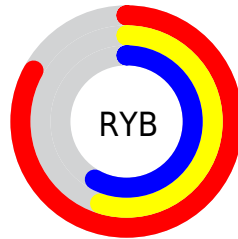
Distribution



Red (83%)

Green (55%)

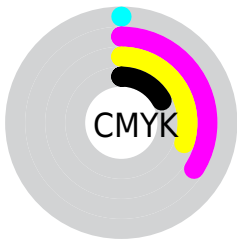
Blue (58%)



Red (83%)

Yellow (55%)

Blue (58%)

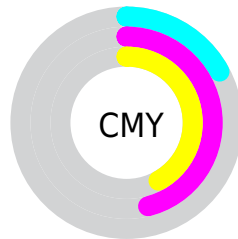


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (17%)



Cyan (17%)


Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6004, 0.3835, 0.3179 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 34.6004, 0.3835, 0.3179 by changing the saturation by 10% instead.

 34.6004, 0.3835,
0.3179


 34.6004, 0.3835,
0.3179


322.8010, 0.3461,
0.3244


 23.3552, 0.3935,
0.3160


 66.8663, 0.3694,
0.3205

 14.8560, 0.4068,
0.3132


 88.6557, 0.3643,
0.3214

 8.7184, 0.4252,
0.3092


 114.7288, 0.3600,
0.3221

 4.5580, 0.4523,
0.3029

145.4697, 0.3564,
0.3227

 1.9903, 0.4958,
0.2913

181.2630, 0.3532,
0.3232

 0.6018, 0.6342,
0.2803

222.4931, 0.3505,

 0.0000, 1.0000,

0.3237

0.0000

269.5443, 0.3482,
0.3240

0.0000, 0.0000,
0.0000

34.6004, 0.3835,
0.3179

34.6004, 0.3835,
0.3179

28.5045, 0.4153,
0.3148

41.9849, 0.3574,
0.3212

23.6186, 0.4530,
0.3123

50.7209, 0.3362,
0.3245

19.8633, 0.4956,
0.3110

60.8730, 0.3192,
0.3277

17.1476, 0.5400,
0.3116

72.5001, 0.3055,
0.3306

15.3662, 0.5812,
0.3145

85.6582, 0.2944,
0.3332

■ 14.3917, 0.6132,
0.3195

■ 92.7443, 0.2872,
0.3289

■ 14.0798, 0.6260,
0.3222

Harmonies

Analogous

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



34.6004, 0.3428, 0.2853



34.6004, 0.3835, 0.3179



34.6004, 0.4039, 0.3547

Triad

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



34.6004, 0.3835, 0.3179



34.6004, 0.3241, 0.4079



34.6004, 0.2334, 0.2647

Complementary

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



34.6004, 0.3835, 0.3179



56.9112, 0.2693, 0.3408

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.



34.6004, 0.2294, 0.2925



34.6004, 0.3835, 0.3179



34.6004, 0.2796, 0.3793

Square

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



34.6004, 0.3835, 0.3179



34.6004, 0.3675, 0.4098



34.6004, 0.2456, 0.3348



34.6004, 0.2567, 0.2551

Rectangle

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



34.6004, 0.3835, 0.3179



34.6004, 0.4025, 0.3781



34.6004, 0.2456, 0.3348



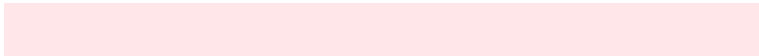
34.6004, 0.2298, 0.2720

Sweetspot

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



34.6021, 0.3835, 0.3179



83.4390, 0.3283, 0.3259



35.8145, 0.3074, 0.2417



17.4000, 0.3308, 0.3255



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.



34.6021, 0.3835, 0.3179



45.8743, 0.4051, 0.3157



43.0572, 0.3823, 0.3624



12.4455, 0.3272, 0.3261



8.6957, 0.6236, 0.3209



0.5329, 0.5861, 0.3002

Inverse Universe

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



34.6021, 0.3835, 0.3179



45.8743, 0.4051, 0.3157



45.0486, 0.2595, 0.2927



12.4455, 0.3272, 0.3261



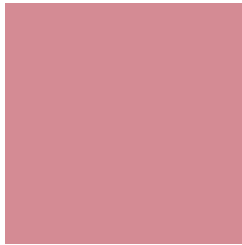
8.6957, 0.6236, 0.3209



0.5329, 0.5861, 0.3002

Previews

White Background



This preview shows how the Yxy color 34.6004, 0.3835, 0.3179 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 34.6004, 0.3835, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

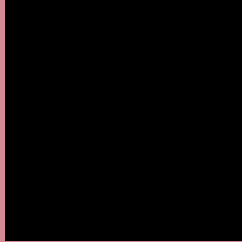
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6004, 0.3835, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 34.6004, 0.3835, 0.3179.



This preview shows how white text looks on a background with the Yxy color 34.6004, 0.3835, 0.3179.

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

34.6004, 0.3835, 0.3179

Protanopia

34.9809, 0.3156, 0.3290

Deuteranopia

34.8588, 0.3480, 0.3418



Tritanopia

34.6322, 0.3823, 0.3167

Trichromacy



Original Color

34.6004, 0.3835, 0.3179

Protanomaly

34.5263, 0.3384, 0.3249

Deuteranomaly

34.7767, 0.3610, 0.3332

Tritanomaly

34.6322, 0.3823, 0.3167

Monochromacy



Original Color

34.6004, 0.3835, 0.3179

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2488, 0.3361, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6004, 0.3835, 0.3179 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(212, 139, 148)` looks like.

```
.text, #text, p{  
    color:rgb(212, 139, 148)  
}
```

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(212, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 139, 148) }
```

Border

The CSS property to change the border of an element to Yxy 34.6004, 0.3835, 0.3179 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(212, 139, 148) }
```

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

```
.border{ border-color:rgb(212, 139, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 139, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 139, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 139, 148);  
box-shadow:4px 4px 4px 4px rgb(212, 139,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6004, 0.3835, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 139, 148) }
```

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

```
.background{ background-color: rgb(212,  
139, 148) }
```

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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