

# Converting Colors

$Yxy(35.0020, 0.3893, 0.3293)$

Have a look what the booklet for  
Yxy(35.0020, 0.3893, 0.3293)  
contains.

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# Color

**Yxy(34.8217, 0.3895, 0.3292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D38D8D
RGB	211, 141, 141
RGB Percent	83%, 55%, 55%
CMY	0.1725, 0.4471, 0.4470
CMYK	0.00, 0.33, 0.33, 0.17
HSL	360°, 44%, 69%
HSV	360°, 33%, 83%
XYZ	41.2000, 34.8217, 29.7550
YIQ	161.9300, 41.7200, 14.8400

# Conversions

## Conversions Part 2

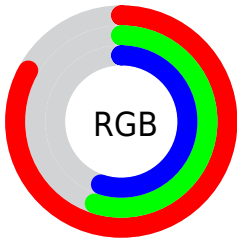
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 141, 141
Decimal	13864333
CIE Lab	65.61, 26.64, 10.92
CIE LCh	66, 28.790, 22.289
Yxy	34.8217, 0.3895, 0.3292
Android (android.graphics.Color)	4292054413 (0xFFD38D8D)
YUV	161.9300, -10.3185, 43.0344
Hunter-Lab	59.0099, 21.3593, 11.4107

# Details

The Yxy color **34.8217, 0.3895, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9600, 0.2658, 0.3289**, and the grayscale version is **36.1327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2303, 0.3618, 0.3291**, and **15.0362, 0.4154, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **28.6129, 0.4253, 0.3293**, and if you desaturate by 10%, it is **42.3389, 0.3602, 0.3291**.

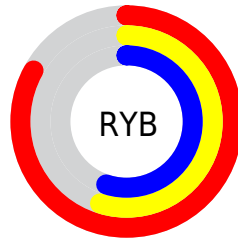
# Distribution



Red (83%)

Green (55%)

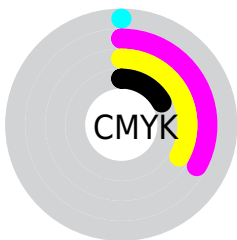
Blue (55%)



Red (83%)

Yellow (55%)

Blue (55%)

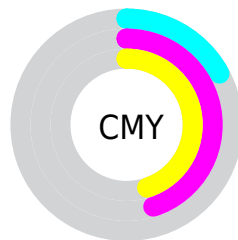


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (17%)



Cyan (17%)

Magenta (45%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8217, 0.3895, 0.3292 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 34.8217, 0.3895, 0.3292 by changing the saturation by 10% instead.





 34.8217, 0.3895,  
0.3292


 34.8217, 0.3895,  
0.3292


323.7806, 0.3489,  
0.3301


 23.5256, 0.4004,  
0.3286


 67.2095, 0.3742,  
0.3298

 14.9821, 0.4148,  
0.3276


 89.0699, 0.3686,  
0.3299

 8.8068, 0.4347,  
0.3258


 115.2205, 0.3639,  
0.3300

 4.6154, 0.4640,  
0.3222

146.0457, 0.3600,  
0.3301

 2.0234, 0.5106,  
0.3144

181.9300, 0.3566,  
0.3301

 0.6210, 0.6779,  
0.3221

223.2576, 0.3537,

 0.0000, 1.0000,

0.3301


0.0000


270.4130, 0.3511,  
0.3301


 0.0000, 0.0000,  
0.0000

 34.8217, 0.3895,  
0.3292


 34.8217, 0.3895,  
0.3292


 28.6129, 0.4253,  
0.3293


 42.3389, 0.3602,  
0.3291

 23.6332, 0.4677,  
0.3294


 51.2279, 0.3367,  
0.3291


 19.8023, 0.5149,  
0.3296

 61.5541, 0.3179,  
0.3290

 17.0286, 0.5623,  
0.3297

 73.3772, 0.3028,  
0.3290

 15.2065, 0.6029,  
0.3298

 86.7535, 0.2908,  
0.3289

■ 14.2083, 0.6296,  
0.3299

■ 92.5907, 0.2866,  
0.3289

■ 13.8508, 0.6401,  
0.3300

# Harmonies

## Analogous

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



34.8217, 0.3551, 0.2957



34.8217, 0.3895, 0.3292



34.8217, 0.4014, 0.3648

# Triad

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



34.8217, 0.3895, 0.3292



34.8217, 0.3102, 0.3989



34.8217, 0.2411, 0.2622

# Complementary

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



34.8217, 0.3895, 0.3292



56.9600, 0.2658, 0.3289

# 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.



34.8217, 0.2313, 0.2839



34.8217, 0.3895, 0.3292



34.8217, 0.2692, 0.3651

# Square

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



34.8217, 0.3895, 0.3292



34.8217, 0.3537, 0.4090



34.8217, 0.2411, 0.3212



34.8217, 0.2689, 0.2582



# Rectangle

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



34.8217, 0.3895, 0.3292



34.8217, 0.3949, 0.3859



34.8217, 0.2411, 0.3212



34.8217, 0.2357, 0.2675

# Sweetspot

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



34.8234, 0.3895, 0.3292



83.2612, 0.3304, 0.3290



37.4318, 0.3154, 0.2469



17.3574, 0.3333, 0.3291



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.



34.8234, 0.3895, 0.3292



46.3433, 0.4148, 0.3293



46.3707, 0.3757, 0.3709



11.8083, 0.3291, 0.3290



8.3579, 0.6400, 0.3300



0.4673, 0.6399, 0.3299



# Inverse Universe

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



34.8234, 0.3895, 0.3292



46.3433, 0.4148, 0.3293



41.8785, 0.2600, 0.2828



11.8083, 0.3291, 0.3290



8.3579, 0.6400, 0.3300



0.4673, 0.6399, 0.3299



# Previews

## White Background



This preview shows how the Yxy color 34.8217, 0.3895, 0.3292 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 34.8217, 0.3895, 0.3292 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 34.8217, 0.3895, 0.3292**

## Background



This preview shows how black text looks on a background with the Yxy color 34.8217, 0.3895, 0.3292.



This preview shows how white text looks on a background with the Yxy color 34.8217, 0.3895, 0.3292.

# 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

34.8217, 0.3895, 0.3292

### Protanopia

35.0300, 0.3259, 0.3407

### Deuteranopia

35.0426, 0.3571, 0.3501



## Tritanopia

34.9552, 0.3808, 0.3167

# Trichromacy



## Original Color

34.8217, 0.3895, 0.3292

## Protanomaly

34.5081, 0.3485, 0.3361

## Deuteranomaly

34.7258, 0.3683, 0.3413

## Tritanomaly

34.8598, 0.3842, 0.3204

# Monochromacy



## Original Color

34.8217, 0.3895, 0.3292

## Achromatopsia

36.1307, 0.3127, 0.3290

## Achromatomaly

35.1476, 0.3390, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.8217, 0.3895, 0.3292 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(211, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 141)  
}
```

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(211, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 34.8217, 0.3895, 0.3292 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(211, 141, 141) }
```

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

```
.border{ border-color:rgb(211, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.8217, 0.3895, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 141) }
```

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

```
.background{ background-color: rgb(211,  
141, 141) }
```

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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