

# Converting Colors

Yxy(34.4047, 0.3793, 0.3292)

Have a look what the booklet for  
Yxy(34.4047, 0.3793, 0.3292)  
contains.

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# Color

**Yxy(34.4655, 0.3790, 0.3292)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CC8F8F
RGB	204, 143, 143
RGB Percent	80%, 56%, 56%
CMY	0.2001, 0.4392, 0.4392
CMYK	0.00, 0.30, 0.30, 0.20
HSL	0°, 37%, 68%
HSV	0°, 30%, 80%
XYZ	39.6793, 34.4655, 30.5499
YIQ	161.2390, 36.3560, 12.9320

# Conversions

## Conversions Part 2

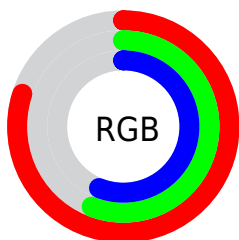
Format	Color
<a href="#">RYB</a>	<a href="#">204, 143, 143</a>
Decimal	<a href="#">13406095</a>
CIELab	<a href="#">65.33, 23.13, 9.29</a>
CIELCh	<a href="#">65, 24.925, 21.889</a>
Yxy	<a href="#">34.4655, 0.3790, 0.3292</a>
Android (android.graphics.Color)	<a href="#">4291596175</a> (0xFFCC8F8F)
YUV	<a href="#">161.2390, -8.9918, 37.5014</a>
Hunter-Lab	<a href="#">58.7073, 17.9073, 10.2420</a>

# Details

The Yxy color **34.4655, 0.3790, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3744, 0.2700, 0.3289**, and the grayscale version is **35.7884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2237, 0.3597, 0.3291**, and **14.7405, 0.4003, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **28.3262, 0.4125, 0.3293**, and if you desaturate by 10%, it is **41.8338, 0.3518, 0.3291**.

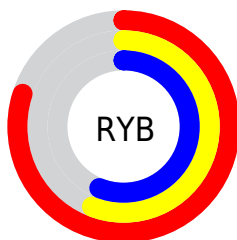
# Distribution



Red (80%)

Green (56%)

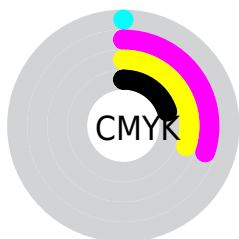
Blue (56%)



Red (80%)

Yellow (56%)

Blue (56%)

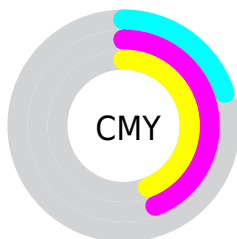


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (44%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4655, 0.3790, 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 34.4655, 0.3790, 0.3292 by changing the saturation by 10% instead.



 34.4655, 0.3790,  
0.3292


 34.4655, 0.3790,  
0.3292


 322.2027, 0.3439,  
0.3298


 23.2514, 0.3884,  
0.3288


 66.6569, 0.3657,  
0.3296


 14.7793, 0.4010,  
0.3280


 88.4030, 0.3609,  
0.3297


 8.6646, 0.4184,  
0.3266


 114.4287, 0.3569,  
0.3298

 4.5231, 0.4441,  
0.3240

 145.1181, 0.3535,  
0.3298

 1.9703, 0.4856,  
0.3179

 180.8559, 0.3506,  
0.3298

 0.5901, 0.6625,  
0.3375


 222.0263, 0.3480,


 0.0000, 1.0000,


0.3298


0.0000

269.0138, 0.3458,  
0.3298

 0.0000, 0.0000,  
0.0000

 34.4655, 0.3790,  
0.3292


 34.4655, 0.3790,  
0.3292


 28.3262, 0.4125,  
0.3293


 41.8338, 0.3518,  
0.3291


 23.3446, 0.4527,  
0.3294


 50.4877, 0.3300,  
0.3291


 19.4494, 0.4985,  
0.3296

 60.4861, 0.3125,  
0.3290

 16.5597, 0.5464,  
0.3297

 71.8829, 0.2986,  
0.3290

 14.5833, 0.5901,  
0.3298

 84.7291, 0.2874,  
0.3289

■ 13.4108, 0.6222,  
0.3299

■ 91.5751, 0.2827,  
0.3289

■ 12.8408, 0.6399,  
0.3300

■ 12.8356, 0.6401,  
0.3300

# Harmonies

## Analogous

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



34.4655, 0.3492, 0.2995



34.4655, 0.3790, 0.3292



34.4655, 0.3897, 0.3605

# Triad

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



34.4655, 0.3790, 0.3292



34.4655, 0.3114, 0.3894



34.4655, 0.2497, 0.2708

# Complementary

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



34.4655, 0.3790, 0.3292



53.3744, 0.2700, 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.



34.4655, 0.2413, 0.2904



34.4655, 0.3790, 0.3292



34.4655, 0.2754, 0.3607

# Square

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



34.4655, 0.3790, 0.3292



34.4655, 0.3492, 0.3983



34.4655, 0.2503, 0.3232



34.4655, 0.2742, 0.2667



# Rectangle

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



34.4655, 0.3790, 0.3292



34.4655, 0.3845, 0.3788



34.4655, 0.2503, 0.3232



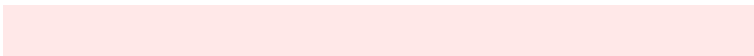
34.4655, 0.2450, 0.2756

# Sweetspot

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



34.4671, 0.3790, 0.3292



84.8317, 0.3285, 0.3291



36.8409, 0.3162, 0.2553



17.6703, 0.3313, 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.



34.4671, 0.3790, 0.3292



50.1802, 0.4003, 0.3293



44.8959, 0.3677, 0.3678



11.2139, 0.3290, 0.3291



8.0803, 0.6401, 0.3300



0.4169, 0.6400, 0.3300



# Inverse Universe

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



53.3744, 0.2700, 0.3289



86.5419, 0.2620, 0.3288



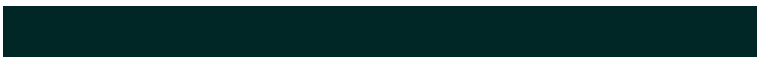
40.2765, 0.2653, 0.2867



12.7269, 0.2984, 0.3290



29.9198, 0.2246, 0.3287

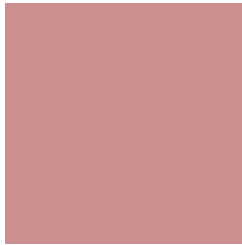


1.5436, 0.2247, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 34.4655, 0.3790, 0.3292 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

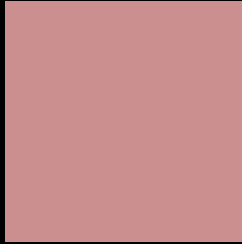
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 34.4655, 0.3790, 0.3292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

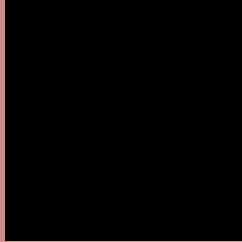
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.4655, 0.3790, 0.3292**

## Background



This preview shows how black text looks on a background with the Yxy color 34.4655, 0.3790, 0.3292.



This preview shows how white text looks on a background with the Yxy color 34.4655, 0.3790, 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

34.4655, 0.3790, 0.3292

### Protanopia

34.5806, 0.3250, 0.3393

### Deuteranopia

34.5293, 0.3533, 0.3460



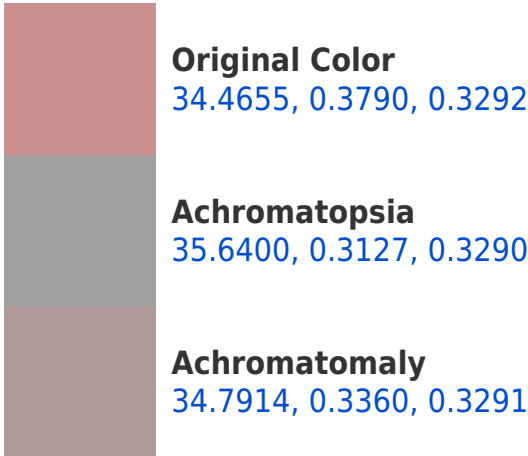
## Tritanopia

34.5921, 0.3705, 0.3163

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.4655, 0.3790, 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(204, 143, 143) looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 143)  
}
```

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(204, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 34.4655, 0.3790, 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(204, 143, 143) }
```

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

```
.border{ border-color:rgb(204, 143, 143) }
```

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

Here you see how a box with a 4 pixel rgb(204, 143, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.4655, 0.3790, 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(204, 143, 143) }
```

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

```
.background{ background-color: rgb(204,  
143, 143) }
```

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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