

# Converting Colors

$Yxy(35.0229, 0.3441, 0.3283)$

Have a look what the booklet for  
Yxy(35.0229, 0.3441, 0.3283)  
contains.

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# Color

**Yxy(34.9467, 0.3446, 0.3277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B89899
RGB	184, 152, 153
RGB Percent	72%, 60%, 60%
CMY	0.2783, 0.4039, 0.4000
CMYK	0.00, 0.17, 0.17, 0.28
HSL	358°, 18%, 66%
HSV	358°, 17%, 72%
XYZ	36.7490, 34.9467, 34.9467
YIQ	161.6820, 18.7510, 7.0950

# Conversions

## Conversions Part 2

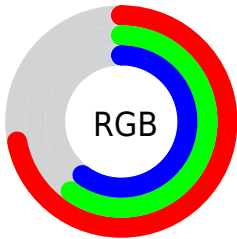
Format	Color
<a href="#">RYB</a>	<a href="#">184, 152, 153</a>
Decimal	<a href="#">12097689</a>
CIELab	<a href="#">65.71, 12.07, 3.94</a>
CIElCh	<a href="#">66, 12.696, 18.080</a>
Yxy	<a href="#">34.9467, 0.3446, 0.3277</a>
Android (android.graphics.Color)	<a href="#">4290287769 (0xFFB89899)</a>
YUV	<a href="#">161.6820, -4.2802, 19.5729</a>
Hunter-Lab	<a href="#">59.1157, 7.5110, 6.3313</a>

# Details

The Yxy color  $34.9467, 0.3446, 0.3277$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $44.3842, 0.2876, 0.3303$ , and the grayscale version is  $35.9902, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $67.1729, 0.3382, 0.3280$ , and  $15.0920, 0.3558, 0.3272$  is the 20% darker color. If you saturate the color by 10%, you get  $28.8856, 0.3693, 0.3269$ , and if you desaturate by 10%, it is  $42.0257, 0.3248, 0.3285$ .

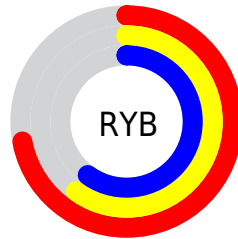
# Distribution



Red (72%)

Green (60%)

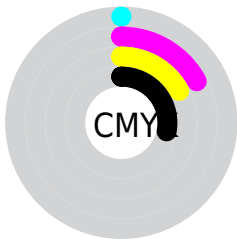
Blue (60%)



Red (72%)

Yellow (60%)

Blue (60%)

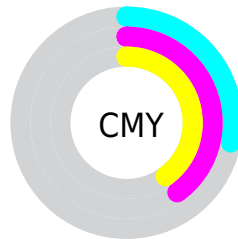


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (40%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9467, 0.3446, 0.3277 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 34.9467, 0.3446, 0.3277 by changing the saturation by 10% instead.





 34.9467, 0.3446,  
0.3277


 34.9467, 0.3446,  
0.3277


324.3330, 0.3278,  
0.3286

 23.6218, 0.3491,  
0.3274


 67.4032, 0.3383,  
0.3281

 15.0533, 0.3551,  
0.3270


 89.3036, 0.3360,  
0.3282

 8.8568, 0.3634,  
0.3264


115.4980, 0.3340,  
0.3283

 4.6479, 0.3757,  
0.3253

146.3707, 0.3324,  
0.3284

 2.0422, 0.3958,  
0.3231

182.3061, 0.3310,  
0.3284

 0.6318, 0.4619,  
0.3256

223.6888, 0.3298,

 0.0000, 0.0000,


0.3285


0.0000


270.9029, 0.3287,  
0.3285


 34.9467, 0.3446,  
0.3277


 34.9467, 0.3446,  
0.3277


 28.8856, 0.3693,  
0.3269


 42.0257, 0.3248,  
0.3285


 23.7911, 0.3997,  
0.3262


 50.1613, 0.3089,  
0.3292


 19.6147, 0.4365,  
0.3255

 59.3961, 0.2962,  
0.3298

 16.3018, 0.4794,  
0.3251

 69.7689, 0.2859,  
0.3304

 13.7921, 0.5259,  
0.3251

 81.3164, 0.2775,  
0.3310

■ 12.0173, 0.5713,  
0.3257

■ 88.9329, 0.2721,  
0.3289

■ 10.8980, 0.6087,  
0.3269

■ 10.3195, 0.6323,  
0.3282

■ 10.2056, 0.6367,  
0.3281

# Harmonies

## Analogous

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



34.9467, 0.3290, 0.3120



34.9467, 0.3446, 0.3277



34.9467, 0.3514, 0.3442

# Triad

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



34.9467, 0.3446, 0.3277



34.9467, 0.3151, 0.3597



34.9467, 0.2789, 0.3001

# Complementary

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



34.9467, 0.3446, 0.3277



44.3842, 0.2876, 0.3303

# 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.



34.9467, 0.2755, 0.3119



34.9467, 0.3446, 0.3277



34.9467, 0.2961, 0.3469

# Square

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



34.9467, 0.3446, 0.3277



34.9467, 0.3340, 0.3635



34.9467, 0.2817, 0.3291



34.9467, 0.2911, 0.2962



# Rectangle

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



34.9467, 0.3446, 0.3277



34.9467, 0.3499, 0.3537



34.9467, 0.2817, 0.3291



34.9467, 0.2767, 0.3032

# Sweetspot

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



34.9483, 0.3446, 0.3277



79.4095, 0.3208, 0.3286



35.9784, 0.3137, 0.2864



16.9063, 0.3220, 0.3286



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9483, 0.3446, 0.3277



58.7836, 0.3537, 0.3274



40.0757, 0.3422, 0.3494



9.0167, 0.3283, 0.3283



7.0338, 0.6360, 0.3277



0.2495, 0.6199, 0.3189



# Inverse Universe

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



34.9483, 0.3446, 0.3277



58.7836, 0.3537, 0.3274



38.5409, 0.2858, 0.3077



9.0167, 0.3283, 0.3283



7.0338, 0.6360, 0.3277



0.2495, 0.6199, 0.3189



# Previews

## White Background



This preview shows how the Yxy color 34.9467, 0.3446, 0.3277 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 34.9467, 0.3446, 0.3277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

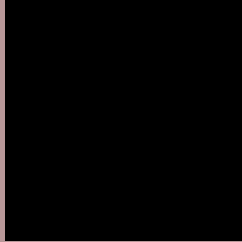
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 34.9467, 0.3446, 0.3277**

## **Background**



This preview shows how black text looks on a background with the Yxy color 34.9467, 0.3446, 0.3277.



This preview shows how white text looks on a background with the Yxy color 34.9467, 0.3446, 0.3277.

# 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

34.9467, 0.3446, 0.3277

### Protanopia

35.0171, 0.3184, 0.3319

### Deuteranopia

34.8761, 0.3380, 0.3305



## Tritanopia

35.0561, 0.3368, 0.3141

# Trichromacy



## Original Color

34.9467, 0.3446, 0.3277

## Protanomaly

34.8352, 0.3276, 0.3290

## Deuteranomaly

34.7857, 0.3402, 0.3291

## Tritanomaly

34.9507, 0.3398, 0.3181

# Monochromacy



## Original Color

34.9467, 0.3446, 0.3277

## Achromatopsia

36.1307, 0.3127, 0.3290

## Achromatomaly

35.5030, 0.3235, 0.3276

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 34.9467, 0.3446, 0.3277 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(184, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 153)  
}
```

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(184, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 153) }
```

## Border

The CSS property to change the border of an element to Yxy 34.9467, 0.3446, 0.3277 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(184, 152, 153) }
```

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

```
.border{ border-color:rgb(184, 152, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 152, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
153) }
```



# Background

The CSS property to change the background color of an element to Yxy 34.9467, 0.3446, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 153) }
```

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

```
.background{ background-color: rgb(184,  
152, 153) }
```

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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