

Converting Colors

$Y_{xy}(34.8993, 0.3954, 0.3171)$

Have a look what the booklet for
Yxy(34.8993, 0.3954, 0.3171)
contains.

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Color

Yxy(34.8993, 0.3954, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	DC8892
RGB	220, 136, 146
RGB Percent	86%, 53%, 57%
CMY	0.1371, 0.4667, 0.4274
CMYK	0.00, 0.38, 0.34, 0.14
HSL	353°, 55%, 70%
HSV	353°, 38%, 86%
XYZ	43.5168, 34.8993, 31.6416
YIQ	162.2560, 46.8540, 20.9180

Conversions

Conversions Part 2

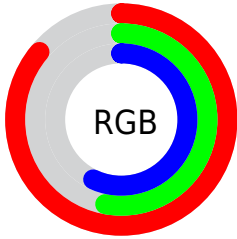
Format	Color
R _Y B	220, 136, 146
Decimal	14452882
CIE Lab	65.67, 33.34, 8.34
CIE LCh	66, 34.368, 14.039
Yxy	34.8993, 0.3954, 0.3171
Android (android.graphics.Color)	4292642962 (0xFFDC8892)
YUV	162.2560, -8.0142, 50.6415
Hunter-Lab	59.0756, 28.1059, 9.5965

Details

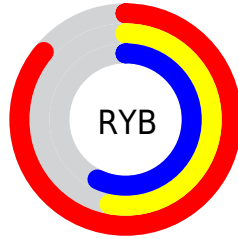
The Yxy color **34.8993, 0.3954, 0.3171** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.0926, 0.2651, 0.3418**, and the grayscale version is **36.2802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2570, 0.3588, 0.3188**, and **15.1281, 0.4219, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **28.7744, 0.4298, 0.3143**, and if you desaturate by 10%, it is **42.4019, 0.3669, 0.3203**.

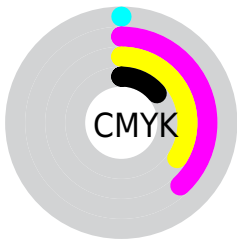
Distribution



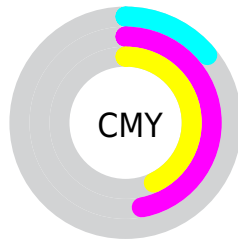
- Red (86%)
- Green (53%)
- Blue (57%)



- Red (86%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8993, 0.3954, 0.3171 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 34.8993, 0.3954, 0.3171 by changing the saturation by 10% instead.

 34.8993, 0.3954,
0.3171


 34.8993, 0.3954,
0.3171

324.1236, 0.3517,
0.3242


 23.5853, 0.4070,
0.3149


 67.3297, 0.3790,
0.3200

 15.0263, 0.4225,
0.3118


 89.2150, 0.3730,
0.3210

 8.8378, 0.4437,
0.3072


 115.3928, 0.3680,
0.3218

 4.6356, 0.4748,
0.2997

146.2475, 0.3637,
0.3225

 2.0351, 0.5241,
0.2863

182.1635, 0.3601,
0.3230

 0.6277, 0.6801,
0.2757

223.5253, 0.3569,


 0.0000, 1.0000,

0.3235

0.0000


270.7172, 0.3542,
0.3239


 0.0000, 0.0000,
0.0000


 34.8993, 0.3954,
0.3171

 34.8993, 0.3954,
0.3171


 28.7744, 0.4298,
0.3143

 42.4019, 0.3669,
0.3203


 23.9386, 0.4699,
0.3123


 51.3536, 0.3438,
0.3235


 20.3009, 0.5139,
0.3117

 61.8270, 0.3252,
0.3266

 17.7563, 0.5580,
0.3131

 73.8884, 0.3103,
0.3295

 16.1815, 0.5963,
0.3168

 87.6000, 0.2982,
0.3322

■ 15.3999, 0.6233,
0.3221

■ 93.9615, 0.2917,
0.3289

■ 15.2972, 0.6270,
0.3228

Harmonies

Analogous

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



34.8993, 0.3487, 0.2803



34.8993, 0.3954, 0.3171



34.8993, 0.4178, 0.3586

Triad

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



34.8993, 0.3954, 0.3171



34.8993, 0.3234, 0.4201



34.8993, 0.2232, 0.2548

Complementary

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



34.8993, 0.3954, 0.3171



61.0926, 0.2651, 0.3418

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.



34.8993, 0.2179, 0.2852



34.8993, 0.3954, 0.3171



34.8993, 0.2729, 0.3859

Square

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



34.8993, 0.3954, 0.3171



34.8993, 0.3734, 0.4222



34.8993, 0.2351, 0.3334



34.8993, 0.2499, 0.2451

Rectangle

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



34.8993, 0.3954, 0.3171



34.8993, 0.4152, 0.3853



34.8993, 0.2351, 0.3334



34.8993, 0.2189, 0.2626

Sweetspot

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



34.9010, 0.3954, 0.3171



81.9007, 0.3302, 0.3257



36.3037, 0.3065, 0.2320



17.0931, 0.3326, 0.3253



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.



34.9010, 0.3954, 0.3171



41.6080, 0.4231, 0.3147



44.5641, 0.3924, 0.3662



13.0767, 0.3273, 0.3262



8.9829, 0.6246, 0.3214



0.5905, 0.5899, 0.3023

Inverse Universe

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



34.9010, 0.3954, 0.3171



41.6080, 0.4231, 0.3147



46.8912, 0.2538, 0.2880



13.0767, 0.3273, 0.3262



8.9829, 0.6246, 0.3214



0.5905, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 34.8993, 0.3954, 0.3171 looks on a white background.

Color Contrast Check

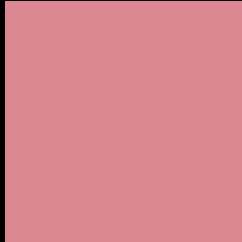
Large Text (above 18pt) WCAG AA × Fail

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 34.8993, 0.3954, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

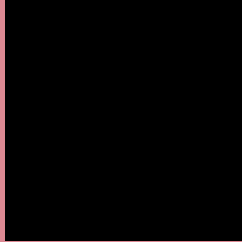
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8993, 0.3954, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 34.8993, 0.3954, 0.3171.



This preview shows how white text looks on a background with the Yxy color 34.8993, 0.3954, 0.3171.

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

34.8993, 0.3954, 0.3171

Protanopia

35.0860, 0.3166, 0.3290

Deuteranopia

35.0395, 0.3520, 0.3445



Tritanopia

34.8993, 0.3954, 0.3171

Trichromacy



Original Color

34.8993, 0.3954, 0.3171

Protanomaly

34.6567, 0.3438, 0.3250

Deuteranomaly

34.6168, 0.3680, 0.3332

Tritanomaly

34.8993, 0.3954, 0.3171

Monochromacy



Original Color

34.8993, 0.3954, 0.3171

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2500, 0.3403, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8993, 0.3954, 0.3171 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(220, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(220, 136, 146)  
}
```

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(220, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 136, 146) }
```

Border

The CSS property to change the border of an element to Yxy 34.8993, 0.3954, 0.3171 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(220, 136, 146) }
```

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

```
.border{ border-color:rgb(220, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(220, 136,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8993, 0.3954, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 136, 146) }
```

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

```
.background{ background-color: rgb(220,  
136, 146) }
```

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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