

Converting Colors

Yxy(34.9379, 0.4049, 0.3293)

Have a look what the booklet for
Yxy(34.9379, 0.4049, 0.3293)
contains.

Yxy(34.9131, 0.4053, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9131, 0.4053, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	DC8989
RGB	220, 137, 137
RGB Percent	86%, 54%, 54%
CMY	0.1373, 0.4627, 0.4628
CMYK	0.00, 0.38, 0.38, 0.14
HSL	0°, 54%, 70%
HSV	0°, 38%, 86%
XYZ	42.9708, 34.9131, 28.1383
YIQ	161.8170, 49.4680, 17.5960

Conversions

Conversions Part 2

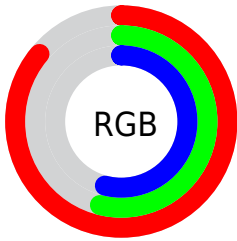
Format	Color
R _Y B	220, 137, 137
Decimal	14453129
CIE Lab	65.68, 31.68, 13.44
CIE LCh	66, 34.409, 22.986
Yxy	34.9131, 0.4053, 0.3293
Android (android.graphics.Color)	4292643209 (0xFFDC8989)
YUV	161.8170, -12.2348, 51.0265
Hunter-Lab	59.0873, 26.4099, 13.1263

Details

The Yxy color **34.9131, 0.4053, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6455, 0.2604, 0.3288**, and the grayscale version is **36.0833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2393, 0.3669, 0.3302**, and **15.0251, 0.4352, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **28.7177, 0.4444, 0.3294**, and if you desaturate by 10%, it is **42.5148, 0.3730, 0.3292**.

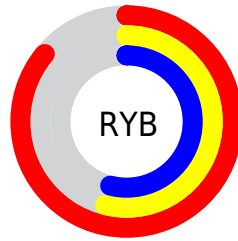
Distribution



Red (86%)

Green (54%)

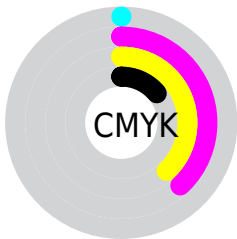
Blue (54%)



Red (86%)

Yellow (54%)

Blue (54%)

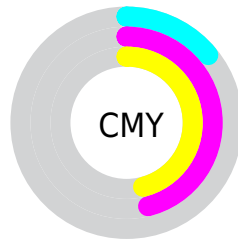


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9131, 0.4053, 0.3293 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 34.9131, 0.4053, 0.3293 by changing the saturation by 10% instead.


 34.9131, 0.4053,
0.3293


 34.9131, 0.4053,
0.3293


324.1846, 0.3563,
0.3306


 23.5959, 0.4184,
0.3284


 67.3511, 0.3869,
0.3301

 15.0342, 0.4356,
0.3270


 89.2408, 0.3801,
0.3303

 8.8434, 0.4594,
0.3243

 115.4234, 0.3745,
0.3305

 4.6392, 0.4939,
0.3193

146.2834, 0.3698,
0.3305

 2.0371, 0.5479,
0.3083

182.2051, 0.3657,
0.3306

 0.6289, 0.7032,
0.2968

223.5729, 0.3621,


 0.0000, 1.0000,


0.3306


0.0000


270.7713, 0.3590,
0.3306

 0.0000, 0.0000,
0.0000


 34.9131, 0.4053,
0.3293


 34.9131, 0.4053,
0.3293


 28.7177, 0.4444,
0.3294


 42.5148, 0.3730,
0.3292


 23.8376, 0.4894,
0.3296


 51.5961, 0.3468,
0.3291


 20.1794, 0.5376,
0.3297

 62.2315, 0.3259,
0.3290

 17.6351, 0.5829,
0.3298

 74.4890, 0.3092,
0.3290

 16.0781, 0.6177,
0.3299

 88.4324, 0.2959,
0.3289

■ 15.3332, 0.6368,
0.3300

■ 93.9522, 0.2917,
0.3289

■ 15.2136, 0.6401,
0.3300

Harmonies

Analogous

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



34.9131, 0.3643, 0.2904



34.9131, 0.4053, 0.3293



34.9131, 0.4185, 0.3709

Triad

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



34.9131, 0.4053, 0.3293



34.9131, 0.3077, 0.4131



34.9131, 0.2289, 0.2497

Complementary

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



34.9131, 0.4053, 0.3293



61.6455, 0.2604, 0.3288

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.



34.9131, 0.2170, 0.2739



34.9131, 0.4053, 0.3293



34.9131, 0.2598, 0.3712

Square

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



34.9131, 0.4053, 0.3293



34.9131, 0.3595, 0.4250



34.9131, 0.2276, 0.3177



34.9131, 0.2616, 0.2460

Rectangle

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



34.9131, 0.4053, 0.3293



34.9131, 0.4097, 0.3961



34.9131, 0.2276, 0.3177



34.9131, 0.2225, 0.2554

Sweetspot

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



34.9148, 0.4053, 0.3293



81.7187, 0.3324, 0.3291



38.2678, 0.3171, 0.2362



17.0502, 0.3352, 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.



34.9148, 0.4053, 0.3293



42.0003, 0.4346, 0.3294



49.0526, 0.3862, 0.3785



13.0522, 0.3292, 0.3291



8.9310, 0.6401, 0.3300



0.5788, 0.6400, 0.3300

Inverse Universe

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



61.6455, 0.2604, 0.3288



84.3151, 0.2521, 0.3288



42.5184, 0.2522, 0.2733



14.8289, 0.2982, 0.3290



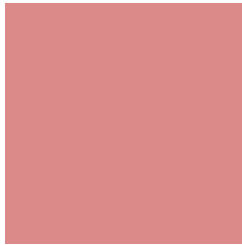
33.0533, 0.2246, 0.3287



2.1416, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 34.9131, 0.4053, 0.3293 looks on a white background.

Color Contrast Check

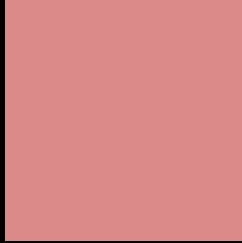
Large Text (above 18pt) WCAG AA × Fail

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 34.9131, 0.4053, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

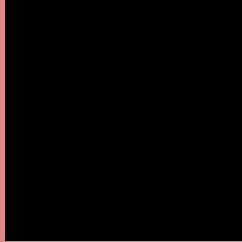
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9131, 0.4053, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 34.9131, 0.4053, 0.3293.



This preview shows how white text looks on a background with the Yxy color 34.9131, 0.4053, 0.3293.

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

34.9131, 0.4053, 0.3293

Protanopia

35.0732, 0.3287, 0.3437

Deuteranopia

35.1467, 0.3643, 0.3570



Tritanopia

35.0558, 0.3964, 0.3172

Trichromacy



Original Color

34.9131, 0.4053, 0.3293

Protanomaly

34.6167, 0.3551, 0.3374

Deuteranomaly

34.9348, 0.3793, 0.3465

Tritanomaly

34.9636, 0.3999, 0.3208

Monochromacy



Original Color

34.9131, 0.4053, 0.3293

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1497, 0.3433, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9131, 0.4053, 0.3293 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, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 137)  
}
```

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, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 137) }
```

Border

The CSS property to change the border of an element to Yxy 34.9131, 0.4053, 0.3293 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, 137, 137) }
```

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

```
.border{ border-color:rgb(220, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9131, 0.4053, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 137) }
```

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

```
.background{ background-color: rgb(220,  
137, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor