

Converting Colors

$Yxy(35.0457, 0.4138, 0.3293)$

Have a look what the booklet for
Yxy(35.0457, 0.4138, 0.3293)
contains.

Yxy(35.0848, 0.4138, 0.3293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.0848, 0.4138, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E18787
RGB	225, 135, 135
RGB Percent	88%, 53%, 53%
CMY	0.1177, 0.4706, 0.4706
CMYK	0.00, 0.40, 0.40, 0.12
HSL	0°, 60%, 71%
HSV	0°, 40%, 88%
XYZ	44.0877, 35.0848, 27.3710
YIQ	161.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

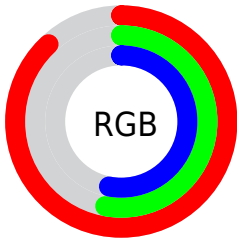
Format	Color
RYB	225, 135, 135
Decimal	14780295
CIELab	65.81, 34.40, 14.84
CIElCh	66, 37.460, 23.331
Yxy	35.0848, 0.4138, 0.3293
Android (android.graphics.Color)	4292970375 (0xFFE18787)
YUV	161.9100, -13.2666, 55.3299
Hunter-Lab	59.2324, 29.2039, 14.0650

Details

The Yxy color **35.0848, 0.4138, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4330, 0.2578, 0.3288**, and the grayscale version is **36.1327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2860, 0.3692, 0.3302**, and **15.2120, 0.4472, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **28.8892, 0.4545, 0.3294**, and if you desaturate by 10%, it is **42.7442, 0.3799, 0.3292**.

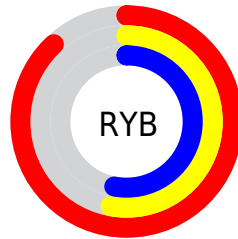
Distribution



Red (88%)

Green (53%)

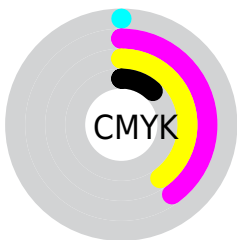
Blue (53%)



Red (88%)

Yellow (53%)

Blue (53%)

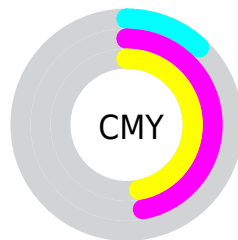


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (12%)



Cyan (12%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0848, 0.4138, 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 35.0848, 0.4138, 0.3293 by changing the saturation by 10% instead.


 35.0848, 0.4138,
0.3293


 35.0848, 0.4138,
0.3293


324.9425, 0.3604,
0.3309


 23.7282, 0.4280,
0.3283


 67.6171, 0.3937,
0.3303

 15.1321, 0.4467,
0.3265


 89.5616, 0.3864,
0.3306

 8.9122, 0.4724,
0.3234

 115.8042, 0.3802,
0.3307

 4.6839, 0.5095,
0.3174

146.7293, 0.3750,
0.3308

 2.0630, 0.5669,
0.3048

182.7213, 0.3706,
0.3308

 0.6437, 0.7145,
0.2855

224.1646, 0.3667,


 0.0000, 1.0000,


0.3309


0.0000

271.4435, 0.3633,
0.3309


 0.0000, 0.0000,
0.0000


 35.0848, 0.4138,
0.3293


 35.0848, 0.4138,
0.3293

 28.8892, 0.4545,
0.3294

 42.7442, 0.3799,
0.3292


 24.0594, 0.5007,
0.3296


 51.9469, 0.3523,
0.3291


 20.4938, 0.5489,
0.3297

 62.7728, 0.3303,
0.3291

 18.0743, 0.5924,
0.3298

 75.2948, 0.3127,
0.3290

 16.6605, 0.6237,
0.3299

 89.5814, 0.2987,
0.3290

■ 16.0073, 0.6401,
0.3300

■ 94.7469, 0.2946,
0.3289

■ 16.0071, 0.6401,
0.3300

Harmonies

Analogous

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



35.0848, 0.3693, 0.2876



35.0848, 0.4138, 0.3293



35.0848, 0.4275, 0.3740

Triad

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



35.0848, 0.4138, 0.3293



35.0848, 0.3062, 0.4208



35.0848, 0.2226, 0.2431

Complementary

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



35.0848, 0.4138, 0.3293



64.4330, 0.2578, 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.



35.0848, 0.2097, 0.2685



35.0848, 0.4138, 0.3293



35.0848, 0.2546, 0.3743

Square

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



35.0848, 0.4138, 0.3293



35.0848, 0.3623, 0.4336



35.0848, 0.2205, 0.3156



35.0848, 0.2579, 0.2398

Rectangle

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



35.0848, 0.4138, 0.3293



35.0848, 0.4175, 0.4014



35.0848, 0.2205, 0.3156



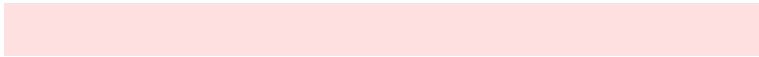
35.0848, 0.2157, 0.2490

Sweetspot

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



35.0865, 0.4138, 0.3293



80.1910, 0.3345, 0.3291



38.7719, 0.3173, 0.2308



16.7454, 0.3372, 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.



35.0865, 0.4138, 0.3293



39.6098, 0.4472, 0.3294



50.3987, 0.3918, 0.3816



13.7007, 0.3292, 0.3291



9.2245, 0.6401, 0.3300



0.6394, 0.6401, 0.3300

Inverse Universe

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



64.4330, 0.2578, 0.3288



83.6901, 0.2492, 0.3288



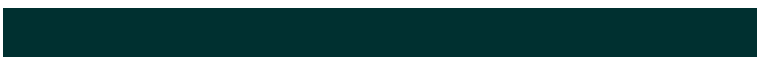
43.2297, 0.2485, 0.2692



15.5723, 0.2982, 0.3290



34.1602, 0.2247, 0.3287



2.3678, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 35.0848, 0.4138, 0.3293 looks on a white background.

Color Contrast Check

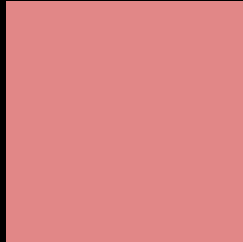
Large Text (above 18pt) WCAG AA × Fail

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 35.0848, 0.4138, 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 35.0848, 0.4138, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 35.0848, 0.4138, 0.3293.



This preview shows how white text looks on a background with the Yxy color 35.0848, 0.4138, 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

35.0848, 0.4138, 0.3293

Protanopia

35.3867, 0.3295, 0.3466

Deuteranopia

35.2162, 0.3674, 0.3597



Tritanopia

35.2326, 0.4048, 0.3175

Trichromacy



Original Color

35.0848, 0.4138, 0.3293

Protanomaly

34.6812, 0.3582, 0.3402

Deuteranomaly

34.8403, 0.3840, 0.3477

Tritanomaly

35.1420, 0.4083, 0.3210

Monochromacy



Original Color

35.0848, 0.4138, 0.3293

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.0378, 0.3466, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0848, 0.4138, 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(225, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 135, 135)  
}
```

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(225, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 135, 135) }
```

Border

The CSS property to change the border of an element to Yxy 35.0848, 0.4138, 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(225, 135, 135) }
```

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

```
.border{ border-color:rgb(225, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 135,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0848, 0.4138, 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(225, 135, 135) }
```

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

```
.background{ background-color: rgb(225,  
135, 135) }
```

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