

Converting Colors

$Yxy(36.8736, 0.4141, 0.3301)$

Have a look what the booklet for
Yxy(36.8736, 0.4141, 0.3301)
contains.

Yxy(36.8349, 0.4140, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.8349, 0.4140, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E68A8A
RGB	230, 138, 138
RGB Percent	90%, 54%, 54%
CMY	0.0980, 0.4588, 0.4588
CMYK	0.00, 0.40, 0.40, 0.10
HSL	0°, 65%, 72%
HSV	0°, 40%, 90%
XYZ	46.3093, 36.8349, 28.7140
YIQ	165.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

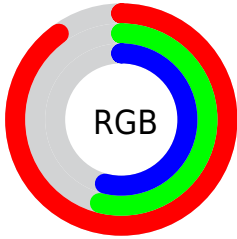
Format	Color
R _Y B	230, 138, 138
Decimal	15108746
CIE Lab	67.15, 35.02, 15.11
CIE LCh	67, 38.145, 23.340
Yxy	36.8349, 0.4140, 0.3293
Android (android.graphics.Color)	4293298826 (0xFFE68A8A)
YUV	165.5080, -13.5614, 56.5595
Hunter-Lab	60.6918, 29.9893, 14.4334

Details

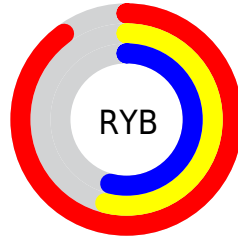
The Yxy color **36.8349, 0.4140, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7084, 0.2577, 0.3288**, and the grayscale version is **37.9315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1615, 0.3656, 0.3312**, and **16.1308, 0.4473, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **30.3239, 0.4547, 0.3294**, and if you desaturate by 10%, it is **44.8878, 0.3800, 0.3292**.

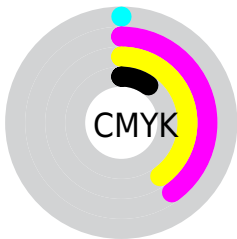
Distribution



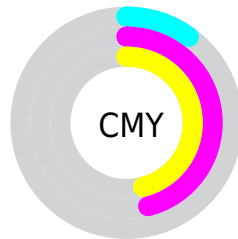
- Red (90%)
- Green (54%)
- Blue (54%)



- Red (90%)
- Yellow (54%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8349, 0.4140, 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 36.8349, 0.4140, 0.3293 by changing the saturation by 10% instead.

 36.8349, 0.4140,
0.3293


 36.8349, 0.4140,
0.3293


332.5952, 0.3609,
0.3309

 25.0797, 0.4280,
0.3283


 70.3188, 0.3941,
0.3303

 16.1364, 0.4463,
0.3266


 92.8163, 0.3868,
0.3306

 9.6207, 0.4712,
0.3236


 119.6633, 0.3807,
0.3307

 5.1482, 0.5070,
0.3179

151.2442, 0.3756,
0.3308

 2.3345, 0.5614,
0.3060

187.9435, 0.3711,
0.3309

 0.7919, 0.7018,
0.2982

230.1454, 0.3672,

 0.0000, 1.0000,

0.3309

0.0000

278.2346, 0.3639,
0.3309

0.0000, 0.0000,
0.0000

36.8349, 0.4140,
0.3293

36.8349, 0.4140,
0.3293

30.3239, 0.4547,
0.3294

44.8878, 0.3800,
0.3292

25.2515, 0.5011,
0.3296

54.5664, 0.3524,
0.3291

21.5101, 0.5493,
0.3297

65.9552, 0.3303,
0.3291

18.9751, 0.5928,
0.3298

79.1311, 0.3127,
0.3290

17.4982, 0.6240,
0.3299

94.1662, 0.2986,
0.3290

■ 16.8234, 0.6401,
0.3300

■ 95.5631, 0.2976,
0.3290

■ 16.8234, 0.6401,
0.3300

Harmonies

Analogous

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



36.8349, 0.3695, 0.2876



36.8349, 0.4140, 0.3293



36.8349, 0.4277, 0.3741

Triad

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



36.8349, 0.4140, 0.3293



36.8349, 0.3062, 0.4210



36.8349, 0.2225, 0.2430

Complementary

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



36.8349, 0.4140, 0.3293



67.7084, 0.2577, 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.



36.8349, 0.2095, 0.2684



36.8349, 0.4140, 0.3293



36.8349, 0.2545, 0.3744

Square

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



36.8349, 0.4140, 0.3293



36.8349, 0.3623, 0.4338



36.8349, 0.2203, 0.3156



36.8349, 0.2578, 0.2396

Rectangle

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



36.8349, 0.4140, 0.3293



36.8349, 0.4176, 0.4015



36.8349, 0.2203, 0.3156



36.8349, 0.2156, 0.2489

Sweetspot

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



36.8367, 0.4140, 0.3293



80.1909, 0.3345, 0.3291



40.7137, 0.3173, 0.2307



16.7453, 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.



36.8367, 0.4140, 0.3293



39.6097, 0.4472, 0.3294



52.9396, 0.3919, 0.3817



14.3681, 0.3293, 0.3291



9.5244, 0.6401, 0.3300



0.7039, 0.6401, 0.3300

Inverse Universe

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



67.7084, 0.2577, 0.3288



83.6905, 0.2492, 0.3288



45.3981, 0.2484, 0.2691



16.3363, 0.2982, 0.3290



35.2714, 0.2247, 0.3287



2.6065, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 36.8349, 0.4140, 0.3293 looks on a white background.

Color Contrast Check

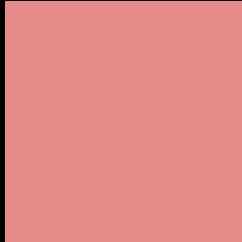
Large Text (above 18pt) WCAG AA × Fail

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 36.8349, 0.4140, 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 36.8349, 0.4140, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 36.8349, 0.4140, 0.3293.



This preview shows how white text looks on a background with the Yxy color 36.8349, 0.4140, 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

36.8349, 0.4140, 0.3293

Protanopia

36.9748, 0.3302, 0.3462

Deuteranopia

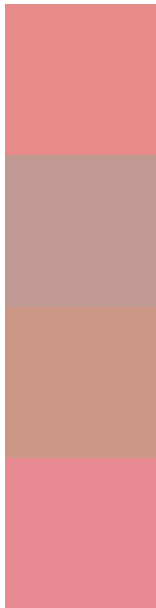
37.1501, 0.3670, 0.3604



Tritanopia

36.9868, 0.4052, 0.3177

Trichromacy



Original Color

36.8349, 0.4140, 0.3293

Protanomaly

36.3930, 0.3594, 0.3399

Deuteranomaly

36.8899, 0.3844, 0.3485

Tritanomaly

36.8939, 0.4086, 0.3212

Monochromacy



Original Color

36.8349, 0.4140, 0.3293

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9961, 0.3458, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8349, 0.4140, 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(230, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 138)  
}
```

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(230, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.8349, 0.4140, 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(230, 138, 138) }
```

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

```
.border{ border-color:rgb(230, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8349, 0.4140, 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(230, 138, 138) }
```

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

```
.background{ background-color: rgb(230,  
138, 138) }
```

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