

Converting Colors

$Yxy(36.8406, 0.4067, 0.3126)$

Have a look what the booklet for
Yxy(36.8406, 0.4067, 0.3126)
contains.

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Color

Yxy(36.9903, 0.4068, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	EA8795
RGB	234, 135, 149
RGB Percent	92%, 53%, 58%
CMY	0.0822, 0.4706, 0.4156
CMYK	0.00, 0.42, 0.36, 0.08
HSL	352°, 70%, 72%
HSV	352°, 42%, 92%
XYZ	48.0295, 36.9903, 33.0469
YIQ	166.1970, 54.5100, 25.3420

Conversions

Conversions Part 2

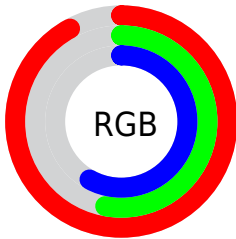
Format	Color
RYB	234, 135, 149
Decimal	15370133
CIELab	67.27, 39.33, 9.16
CIELCh	67, 40.386, 13.113
Yxy	36.9903, 0.4068, 0.3133
Android (android.graphics.Color)	4293560213 (0xFFEA8795)
YUV	166.1970, -8.4781, 59.4632
Hunter-Lab	60.8197, 34.5278, 10.3580

Details

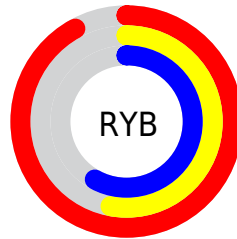
The Yxy color **36.9903, 0.4068, 0.3133** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1824, 0.2619, 0.3462**, and the grayscale version is **38.2560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3987, 0.3563, 0.3157**, and **16.1823, 0.4366, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **30.5772, 0.4428, 0.3102**, and if you desaturate by 10%, it is **44.9528, 0.3766, 0.3170**.

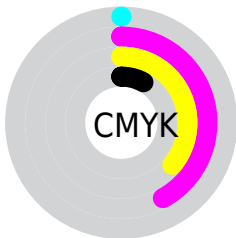
Distribution



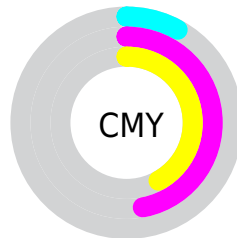
- Red (92%)
- Green (53%)
- Blue (58%)



- Red (92%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9903, 0.4068, 0.3133 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 36.9903, 0.4068, 0.3133 by changing the saturation by 10% instead.


 36.9903, 0.4068,
0.3133


 36.9903, 0.4068,
0.3133


333.2685, 0.3576,
0.3225

 25.2000, 0.4197,
0.3105


 70.5579, 0.3884,
0.3170

 16.2261, 0.4367,
0.3067


 93.1039, 0.3817,
0.3183

 9.6843, 0.4598,
0.3010


 120.0040, 0.3760,
0.3193

 5.1901, 0.4931,
0.2922

151.6425, 0.3712,
0.3202

 2.3593, 0.5444,
0.2768

188.4038, 0.3671,
0.3209

 0.8048, 0.6655,
0.2587

230.6723, 0.3635,

 0.0000, 1.0000,

0.3215

0.0000

278.8324, 0.3604,
0.3221

0.0000, 0.0000,
0.0000

36.9903, 0.4068,
0.3133

36.9903, 0.4068,
0.3133

30.5772, 0.4428,
0.3102

44.9528, 0.3766,
0.3170

25.6074, 0.4840,
0.3083

54.5511, 0.3519,
0.3209

21.9699, 0.5280,
0.3084

65.8714, 0.3320,
0.3246

19.5353, 0.5702,
0.3110

78.9924, 0.3160,
0.3282

18.1479, 0.6048,
0.3163

93.9881, 0.3031,
0.3315

■ 17.6088, 0.6236,
0.3209

■ 96.2382, 0.3000,
0.3290

Harmonies

Analogous

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



36.9903, 0.3520, 0.2725



36.9903, 0.4068, 0.3133



36.9903, 0.4335, 0.3599

Triad

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



36.9903, 0.4068, 0.3133



36.9903, 0.3259, 0.4359



36.9903, 0.2105, 0.2447

Complementary

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



36.9903, 0.4068, 0.3133



69.1824, 0.2619, 0.3462

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.



36.9903, 0.2053, 0.2793



36.9903, 0.4068, 0.3133



36.9903, 0.2682, 0.3971

Square

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



36.9903, 0.4068, 0.3133



36.9903, 0.3830, 0.4355



36.9903, 0.2250, 0.3354



36.9903, 0.2397, 0.2338

Rectangle

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



36.9903, 0.4068, 0.3133



36.9903, 0.4308, 0.3905



36.9903, 0.2250, 0.3354



36.9903, 0.2061, 0.2536

Sweetspot

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



36.9921, 0.4068, 0.3133



78.9439, 0.3333, 0.3244



38.3536, 0.3040, 0.2209



16.2123, 0.3375, 0.3235



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.



36.9921, 0.4068, 0.3133



37.9089, 0.4386, 0.3105



47.8661, 0.4052, 0.3686



15.0888, 0.3271, 0.3257



9.9028, 0.6209, 0.3194



0.7885, 0.5882, 0.3014

Inverse Universe

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



36.9921, 0.4068, 0.3133



37.9089, 0.4386, 0.3105



52.1079, 0.2478, 0.2847



15.0888, 0.3271, 0.3257



9.9028, 0.6209, 0.3194



0.7885, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 36.9903, 0.4068, 0.3133 looks on a white background.

Color Contrast Check

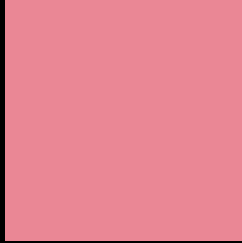
Large Text (above 18pt) WCAG AA × Fail

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 36.9903, 0.4068, 0.3133 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 36.9903, 0.4068, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 36.9903, 0.4068, 0.3133.



This preview shows how white text looks on a background with the Yxy color 36.9903, 0.4068, 0.3133.

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

36.9903, 0.4068, 0.3133

Protanopia

37.1265, 0.3147, 0.3262

Deuteranopia

37.0628, 0.3541, 0.3469



Tritanopia

37.1761, 0.4098, 0.3179

Trichromacy



Original Color

36.9903, 0.4068, 0.3133

Protanomaly

36.3620, 0.3456, 0.3211

Deuteranomaly

36.7254, 0.3732, 0.3343

Tritanomaly

37.2073, 0.4087, 0.3168

Monochromacy



Original Color

36.9903, 0.4068, 0.3133

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0571, 0.3441, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9903, 0.4068, 0.3133 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(234, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(234, 135, 149)  
}
```

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(234, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 135, 149) }
```

Border

The CSS property to change the border of an element to Yxy 36.9903, 0.4068, 0.3133 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(234, 135, 149) }
```

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

```
.border{ border-color:rgb(234, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(234, 135,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9903, 0.4068, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 135, 149) }
```

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

```
.background{ background-color: rgb(234,  
135, 149) }
```

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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