

Converting Colors

$Y_{xy}(35.9175, 0.4078, 0.3165)$

Have a look what the booklet for
Yxy(35.9175, 0.4078, 0.3165)
contains.

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Color

Yxy(35.9175, 0.4078, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E68691
RGB	230, 134, 145
RGB Percent	90%, 53%, 57%
CMY	0.0979, 0.4746, 0.4313
CMYK	0.00, 0.42, 0.37, 0.10
HSL	353°, 66%, 71%
HSV	353°, 42%, 90%
XYZ	46.2785, 35.9175, 31.2874
YIQ	163.9580, 53.6850, 23.7730

Conversions

Conversions Part 2

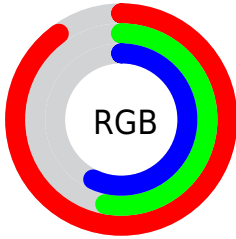
Format	Color
RYB	230, 134, 145
Decimal	15107729
CIELab	66.46, 37.94, 10.19
CIElCh	66, 39.281, 15.034
Yxy	35.9175, 0.4078, 0.3165
Android (android.graphics.Color)	4293297809 (0xFFE68691)
YUV	163.9580, -9.3463, 57.9188
Hunter-Lab	59.9312, 32.9571, 10.9992

Details

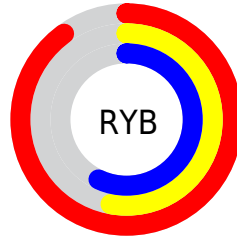
The Yxy color **35.9175, 0.4078, 0.3165** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7954, 0.2612, 0.3426**, and the grayscale version is **37.1300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7787, 0.3599, 0.3188**, and **15.6315, 0.4384, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **29.6652, 0.4447, 0.3140**, and if you desaturate by 10%, it is **43.6688, 0.3770, 0.3195**.

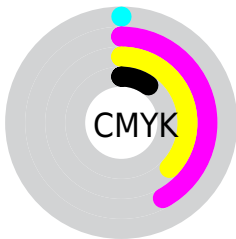
Distribution



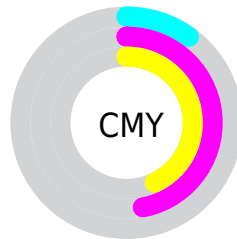
- Red (90%)
- Green (53%)
- Blue (57%)



- Red (90%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9175, 0.4078, 0.3165 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 35.9175, 0.4078, 0.3165 by changing the saturation by 10% instead.


 35.9175, 0.4078,
0.3165


 35.9175, 0.4078,
0.3165


328.5998, 0.3578,
0.3242

 24.3705, 0.4210,
0.3141


 68.9047, 0.3891,
0.3197

 15.6087, 0.4384,
0.3106


 91.1137, 0.3822,
0.3208

 9.2477, 0.4623,
0.3054


 117.6455, 0.3765,
0.3216

 4.9031, 0.4967,
0.2970

148.8844, 0.3716,
0.3223

 2.1905, 0.5502,
0.2818

185.2149, 0.3674,
0.3229

 0.7148, 0.7043,
0.2707

227.0214, 0.3638,

 0.0000, 1.0000,

0.3234

0.0000

274.6882, 0.3606,
0.3239

0.0000, 0.0000,
0.0000

35.9175, 0.4078,
0.3165

35.9175, 0.4078,
0.3165

29.6652, 0.4447,
0.3140

43.6688, 0.3770,
0.3195

24.8099, 0.4868,
0.3125

53.0016, 0.3518,
0.3226

21.2454, 0.5318,
0.3127


63.9990, 0.3315,
0.3257


18.8480, 0.5746,
0.3149

76.7367, 0.3152,
0.3285

17.4695, 0.6090,
0.3193

91.2855, 0.3021,
0.3312

 16.9055, 0.6281,
0.3234

 95.5690, 0.2976,
0.3290

Harmonies

Analogous

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



35.9175, 0.3552, 0.2757



35.9175, 0.4078, 0.3165



35.9175, 0.4318, 0.3626

Triad

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



35.9175, 0.4078, 0.3165



35.9175, 0.3220, 0.4325



35.9175, 0.2133, 0.2448

Complementary

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



35.9175, 0.4078, 0.3165



66.7954, 0.2612, 0.3426

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.



35.9175, 0.2066, 0.2774



35.9175, 0.4078, 0.3165



35.9175, 0.2657, 0.3923

Square

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



35.9175, 0.4078, 0.3165



35.9175, 0.3787, 0.4348



35.9175, 0.2245, 0.3314



35.9175, 0.2435, 0.2354

Rectangle

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



35.9175, 0.4078, 0.3165



35.9175, 0.4277, 0.3924



35.9175, 0.2245, 0.3314



35.9175, 0.2084, 0.2530

Sweetspot

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



35.9193, 0.4078, 0.3165



78.8951, 0.3339, 0.3253



37.7944, 0.3071, 0.2234



16.2005, 0.3382, 0.3246



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.



35.9193, 0.4078, 0.3165



38.5255, 0.4389, 0.3143



47.6013, 0.4018, 0.3716



14.3948, 0.3274, 0.3263



9.5765, 0.6257, 0.3221



0.7166, 0.5954, 0.3054

Inverse Universe

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



35.9193, 0.4078, 0.3165



38.5255, 0.4389, 0.3143



49.0176, 0.2480, 0.2812



14.3948, 0.3274, 0.3263



9.5765, 0.6257, 0.3221



0.7166, 0.5954, 0.3054

Previews

White Background



This preview shows how the Yxy color 35.9175, 0.4078, 0.3165 looks on a white background.

Color Contrast Check

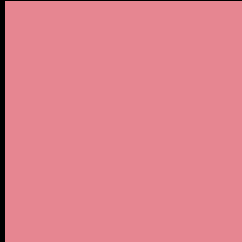
Large Text (above 18pt) WCAG AA × Fail

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 35.9175, 0.4078, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

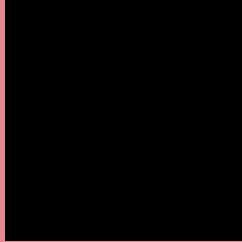
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9175, 0.4078, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 35.9175, 0.4078, 0.3165.



This preview shows how white text looks on a background with the Yxy color 35.9175, 0.4078, 0.3165.

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

35.9175, 0.4078, 0.3165

Protanopia

36.0271, 0.3174, 0.3305

Deuteranopia

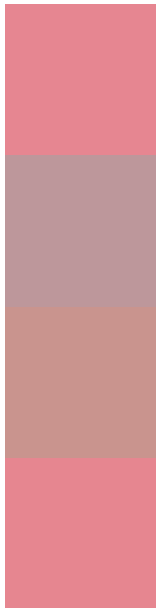
36.0143, 0.3566, 0.3499



Tritanopia

35.8868, 0.4089, 0.3177

Trichromacy



Original Color

35.9175, 0.4078, 0.3165

Protanomaly

35.3186, 0.3480, 0.3237

Deuteranomaly

35.5503, 0.3751, 0.3370

Tritanomaly

35.8868, 0.4089, 0.3177

Monochromacy



Original Color

35.9175, 0.4078, 0.3165

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.9082, 0.3445, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9175, 0.4078, 0.3165 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, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(230, 134, 145)  
}
```

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, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 134, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.9175, 0.4078, 0.3165 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, 134, 145) }
```

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

```
.border{ border-color:rgb(230, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(230, 134,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9175, 0.4078, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 134, 145) }
```

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

```
.background{ background-color: rgb(230,  
134, 145) }
```

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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