

Converting Colors

$Y_{xy}(35.8503, 0.3948, 0.3114)$

Have a look what the booklet for
Yxy(35.8503, 0.3948, 0.3114)
contains.

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Color

Yxy(35.8502, 0.3948, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	E18897
RGB	225, 136, 151
RGB Percent	88%, 53%, 59%
CMY	0.1177, 0.4666, 0.4079
CMYK	0.00, 0.40, 0.33, 0.12
HSL	350°, 60%, 71%
HSV	350°, 40%, 88%
XYZ	45.4371, 35.8502, 33.8016
YIQ	164.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

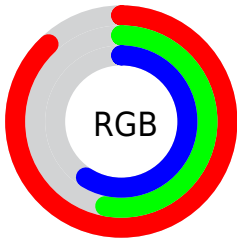
Format	Color
R _Y B	225, 136, 151
Decimal	14780567
CIE Lab	66.41, 35.76, 6.66
CIE LCh	66, 36.374, 10.544
Yxy	35.8502, 0.3948, 0.3115
Android (android.graphics.Color)	4292970647 (0xFFE18897)
YUV	164.3210, -6.5673, 53.2155
Hunter-Lab	59.8750, 30.6762, 8.4412

Details

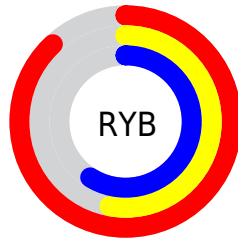
The Yxy color **35.8502, 0.3948, 0.3115** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7299, 0.2660, 0.3480**, and the grayscale version is **37.3012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4947, 0.3547, 0.3136**, and **15.4762, 0.4214, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **29.6048, 0.4279, 0.3075**, and if you desaturate by 10%, it is **43.5256, 0.3673, 0.3160**.

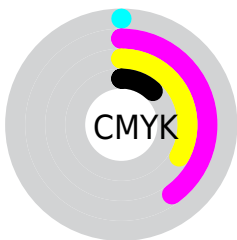
Distribution



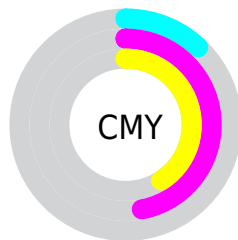
- Red (88%)
- Green (53%)
- Blue (59%)



- Red (88%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8502, 0.3948, 0.3115 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 35.8502, 0.3948, 0.3115 by changing the saturation by 10% instead.


 35.8502, 0.3948,
0.3115


 35.8502, 0.3948,
0.3115


328.3053, 0.3517,
0.3214

 24.3185, 0.4062,
0.3087


 68.8008, 0.3787,
0.3154

 15.5701, 0.4212,
0.3048


 90.9885, 0.3727,
0.3167

 9.2204, 0.4419,
0.2992


 117.4970, 0.3678,
0.3178

 4.8852, 0.4720,
0.2905

148.7107, 0.3636,
0.3188

 2.1801, 0.5192,
0.2757

185.0140, 0.3600,
0.3196

 0.7091, 0.6343,
0.2553

226.7913, 0.3569,

 0.0000, 1.0000,

0.3203

0.0000

274.4269, 0.3541,
0.3209

0.0000, 0.0000,
0.0000

35.8502, 0.3948,
0.3115

35.8502, 0.3948,
0.3115

29.6048, 0.4279,
0.3075

43.5256, 0.3673,
0.3160

24.6956, 0.4663,
0.3046

52.7066, 0.3449,
0.3206

21.0262, 0.5085,
0.3037

63.4696, 0.3267,
0.3250

18.4846, 0.5510,
0.3056

75.8846, 0.3121,
0.3292

16.9385, 0.5886,
0.3105

90.0170, 0.3003,
0.3330

■ 16.1718, 0.6166,
0.3174

■ 94.7448, 0.2946,
0.3289

■ 16.1440, 0.6177,
0.3176

Harmonies

Analogous

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



35.8502, 0.3438, 0.2743



35.8502, 0.3948, 0.3115



35.8502, 0.4219, 0.3545

Triad

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



35.8502, 0.3948, 0.3115



35.8502, 0.3301, 0.4270



35.8502, 0.2174, 0.2538

Complementary

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



35.8502, 0.3948, 0.3115



63.7299, 0.2660, 0.3480

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.



35.8502, 0.2146, 0.2879



35.8502, 0.3948, 0.3115



35.8502, 0.2766, 0.3946

Square

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



35.8502, 0.3948, 0.3115



35.8502, 0.3814, 0.4248



35.8502, 0.2351, 0.3401



35.8502, 0.2427, 0.2415

Rectangle

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



35.8502, 0.3948, 0.3115



35.8502, 0.4216, 0.3828



35.8502, 0.2351, 0.3401



35.8502, 0.2139, 0.2628

Sweetspot

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



35.8520, 0.3948, 0.3115



80.4746, 0.3310, 0.3239



36.5557, 0.3021, 0.2272



16.8115, 0.3333, 0.3234



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.



35.8520, 0.3948, 0.3115



41.0076, 0.4201, 0.3083



44.4014, 0.3984, 0.3625



13.7380, 0.3266, 0.3251



9.3161, 0.6146, 0.3160



0.6573, 0.5748, 0.2940

Inverse Universe

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



35.8520, 0.3948, 0.3115



41.0076, 0.4201, 0.3083



50.5171, 0.2526, 0.2923



13.7380, 0.3266, 0.3251



9.3161, 0.6146, 0.3160



0.6573, 0.5748, 0.2940

Previews

White Background



This preview shows how the Yxy color 35.8502, 0.3948, 0.3115 looks on a white background.

Color Contrast Check

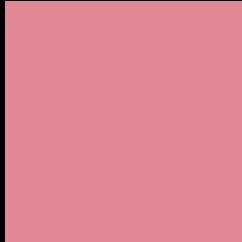
Large Text (above 18pt) WCAG AA × Fail

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 35.8502, 0.3948, 0.3115 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 35.8502, 0.3948, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 35.8502, 0.3948, 0.3115.



This preview shows how white text looks on a background with the Yxy color 35.8502, 0.3948, 0.3115.

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

35.8502, 0.3948, 0.3115

Protanopia

36.0989, 0.3120, 0.3233

Deuteranopia

35.9508, 0.3486, 0.3416



Tritanopia

36.0055, 0.3990, 0.3174

Trichromacy



Original Color

35.8502, 0.3948, 0.3115

Protanomaly

35.4336, 0.3396, 0.3182

Deuteranomaly

35.6388, 0.3652, 0.3305

Tritanomaly

36.0370, 0.3979, 0.3162

Monochromacy



Original Color

35.8502, 0.3948, 0.3115

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0535, 0.3402, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8502, 0.3948, 0.3115 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, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 136, 151)  
}
```

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, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 136, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.8502, 0.3948, 0.3115 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, 136, 151) }
```

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

```
.border{ border-color:rgb(225, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 136,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8502, 0.3948, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 136, 151) }
```

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

```
.background{ background-color: rgb(225,  
136, 151) }
```

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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