

Converting Colors

Yxy(35.6123, 0.4115, 0.3209)

Have a look what the booklet for
Yxy(35.6123, 0.4115, 0.3209)
contains.

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Color

Yxy(35.6313, 0.4114, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E5868D
RGB	229, 134, 141
RGB Percent	90%, 53%, 55%
CMY	0.1021, 0.4744, 0.4471
CMYK	0.00, 0.41, 0.38, 0.10
HSL	356°, 65%, 71%
HSV	356°, 41%, 90%
XYZ	45.6374, 35.6313, 29.6632
YIQ	163.2030, 54.3730, 22.3170

Conversions

Conversions Part 2

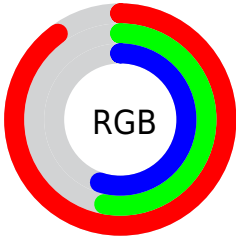
Format	Color
R _Y B	229, 134, 141
Decimal	15042189
CIE Lab	66.24, 37.06, 12.14
CIE LCh	66, 38.995, 18.132
Yxy	35.6313, 0.4114, 0.3212
Android (android.graphics.Color)	4293232269 (0xFFE5868D)
YUV	163.2030, -10.9461, 57.7040
Hunter-Lab	59.6920, 32.0108, 12.3210

Details

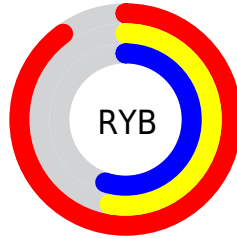
The Yxy color **35.6313, 0.4114, 0.3212** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3669, 0.2595, 0.3375**, and the grayscale version is **36.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1666, 0.3635, 0.3219**, and **15.4478, 0.4439, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **29.4005, 0.4499, 0.3197**, and if you desaturate by 10%, it is **43.3569, 0.3792, 0.3231**.

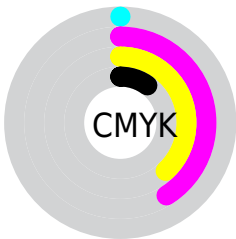
Distribution



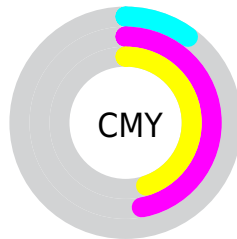
- Red (90%)
- Green (53%)
- Blue (55%)



- Red (90%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (10%)





- Cyan (10%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6313, 0.4114, 0.3212 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 35.6313, 0.4114, 0.3212 by changing the saturation by 10% instead.


 35.6313, 0.4114,
0.3212


 35.6313, 0.4114,
0.3212


327.3461, 0.3594,
0.3267

 24.1496, 0.4252,
0.3192


 68.4626, 0.3919,
0.3236

 15.4446, 0.4433,
0.3164


 90.5810, 0.3848,
0.3244

 9.1320, 0.4682,
0.3119


 117.0137, 0.3788,
0.3250

 4.8274, 0.5041,
0.3042

148.1451, 0.3737,
0.3255

 2.1463, 0.5596,
0.2897

184.3597, 0.3694,
0.3259

 0.6905, 0.7211,
0.2789

226.0418, 0.3656,

 0.0000, 1.0000,

0.3262

0.0000

273.5758, 0.3623,
0.3265

0.0000, 0.0000,
0.0000

35.6313, 0.4114,
0.3212

35.6313, 0.4114,
0.3212

29.4005, 0.4499,
0.3197

43.3569, 0.3792,
0.3231

24.5628, 0.4939,
0.3189

52.6596, 0.3529,
0.3250

21.0126, 0.5402,
0.3192

63.6220, 0.3318,
0.3269

18.6267, 0.5833,
0.3208

76.3196, 0.3149,
0.3287

17.2579, 0.6164,
0.3239

90.8231, 0.3013,
0.3304

 16.6927, 0.6337,
0.3265

 95.3929, 0.2970,
0.3290

Harmonies

Analogous

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



35.6313, 0.3612, 0.2796



35.6313, 0.4114, 0.3212



35.6313, 0.4317, 0.3672

Triad

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



35.6313, 0.4114, 0.3212



35.6313, 0.3159, 0.4295



35.6313, 0.2157, 0.2431

Complementary

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



35.6313, 0.4114, 0.3212



66.3669, 0.2595, 0.3375

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.



35.6313, 0.2066, 0.2732



35.6313, 0.4114, 0.3212



35.6313, 0.2608, 0.3861

Square

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



35.6313, 0.4114, 0.3212



35.6313, 0.3731, 0.4357



35.6313, 0.2219, 0.3252



35.6313, 0.2482, 0.2360

Rectangle

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



35.6313, 0.4114, 0.3212



35.6313, 0.4251, 0.3965



35.6313, 0.2219, 0.3252



35.6313, 0.2100, 0.2505

Sweetspot

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



35.6331, 0.4114, 0.3212



80.3128, 0.3330, 0.3268



38.0942, 0.3101, 0.2250



16.7737, 0.3355, 0.3266



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.



35.6331, 0.4114, 0.3212



38.3697, 0.4451, 0.3198



48.4874, 0.3994, 0.3748



14.3850, 0.3281, 0.3273



9.5535, 0.6319, 0.3255



0.7120, 0.6106, 0.3137

Inverse Universe

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



35.6331, 0.4114, 0.3212



38.3697, 0.4451, 0.3198



47.2978, 0.2478, 0.2773



14.3850, 0.3281, 0.3273



9.5535, 0.6319, 0.3255



0.7120, 0.6106, 0.3137

Previews

White Background



This preview shows how the Yxy color 35.6313, 0.4114, 0.3212 looks on a white background.

Color Contrast Check

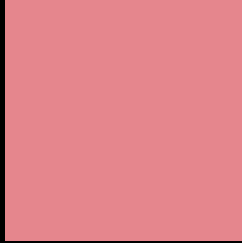
Large Text (above 18pt) WCAG AA × Fail

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 35.6313, 0.4114, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

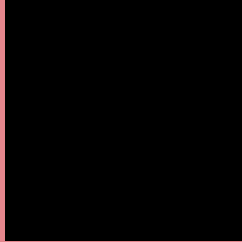
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6313, 0.4114, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 35.6313, 0.4114, 0.3212.



This preview shows how white text looks on a background with the Yxy color 35.6313, 0.4114, 0.3212.

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

35.6313, 0.4114, 0.3212

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

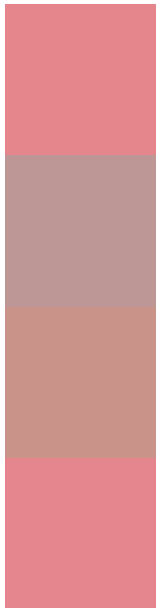
35.6879, 0.3619, 0.3540



Tritanopia

35.6914, 0.4091, 0.3188

Trichromacy



Original Color

35.6313, 0.4114, 0.3212

Protanomaly

35.1540, 0.3531, 0.3305

Deuteranomaly

35.2590, 0.3808, 0.3410

Tritanomaly

35.6612, 0.4102, 0.3200

Monochromacy



Original Color

35.6313, 0.4114, 0.3212

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.3878, 0.3457, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6313, 0.4114, 0.3212 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(229, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(229, 134, 141)  
}
```

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(229, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 134, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.6313, 0.4114, 0.3212 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(229, 134, 141) }
```

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

```
.border{ border-color:rgb(229, 134, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 134, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(229, 134,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6313, 0.4114, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 134, 141) }
```

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

```
.background{ background-color: rgb(229,  
134, 141) }
```

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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