

Converting Colors

$Y_{xy}(35.4182, 0.4096, 0.3214)$

Have a look what the booklet for
Yxy(35.4182, 0.4096, 0.3214)
contains.

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Color

Yxy(35.3042, 0.4094, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	E3868D
RGB	227, 134, 141
RGB Percent	89%, 53%, 55%
CMY	0.1098, 0.4745, 0.4472
CMYK	0.00, 0.41, 0.38, 0.11
HSL	356°, 62%, 71%
HSV	356°, 41%, 89%
XYZ	45.0126, 35.3042, 29.6309
YIQ	162.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

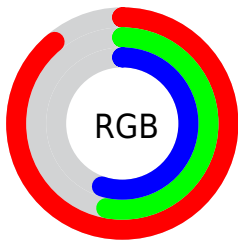
Format	Color
R _Y B	227, 134, 141
Decimal	14911117
CIE Lab	65.98, 36.35, 11.75
CIE LCh	66, 38.202, 17.909
Yxy	35.3042, 0.4094, 0.3211
Android (android.graphics.Color)	4293101197 (0xFFE3868D)
YUV	162.6050, -10.6513, 56.4744
Hunter-Lab	59.4173, 31.2453, 12.0247

Details

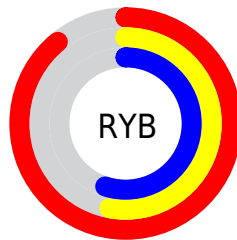
The Yxy color **35.3042, 0.4094, 0.3211** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.1826, 0.2601, 0.3376**, and the grayscale version is **36.4626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1666, 0.3635, 0.3219**, and **15.2249, 0.4412, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **29.1230, 0.4475, 0.3195**, and if you desaturate by 10%, it is **42.9542, 0.3776, 0.3230**.

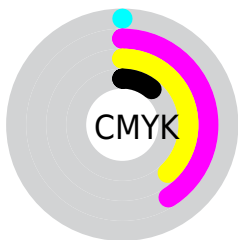
Distribution



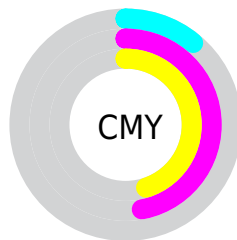
- Red (89%)
- Green (53%)
- Blue (55%)



- Red (89%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (11%)




- Cyan (11%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3042, 0.4094, 0.3211 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 35.3042, 0.4094, 0.3211 by changing the saturation by 10% instead.

 35.3042, 0.4094,
0.3211


 35.3042, 0.4094,
0.3211


325.9090, 0.3584,
0.3266

 23.8973, 0.4230,
0.3192


 67.9568, 0.3902,
0.3235

 15.2575, 0.4408,
0.3163


 89.9712, 0.3832,
0.3243

 9.0003, 0.4654,
0.3119

 116.2903, 0.3774,
0.3249

 4.7414, 0.5009,
0.3043

147.2984, 0.3724,
0.3254

 2.0963, 0.5561,
0.2900

183.3799, 0.3682,
0.3258

 0.6626, 0.7212,
0.2788

224.9193, 0.3645,

 0.0000, 1.0000,

0.3261

0.0000

272.3008, 0.3612,
0.3264

0.0000, 0.0000,
0.0000

35.3042, 0.4094,
0.3211

35.3042, 0.4094,
0.3211

29.1230, 0.4475,
0.3195

42.9542, 0.3776,
0.3230

24.3115, 0.4911,
0.3186

52.1532, 0.3517,
0.3250

20.7671, 0.5373,
0.3188

62.9819, 0.3308,
0.3270

18.3701, 0.5808,
0.3205

75.5137, 0.3141,
0.3288

16.9781, 0.6147,
0.3235

89.8177, 0.3008,
0.3305

■ 16.3733, 0.6335,
0.3263

■ 95.0728, 0.2958,
0.3290

Harmonies

Analogous

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



35.3042, 0.3600, 0.2802



35.3042, 0.4094, 0.3211



35.3042, 0.4297, 0.3665

Triad

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



35.3042, 0.4094, 0.3211



35.3042, 0.3164, 0.4278



35.3042, 0.2171, 0.2446

Complementary

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



35.3042, 0.4094, 0.3211



65.1826, 0.2601, 0.3376

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.



35.3042, 0.2082, 0.2745



35.3042, 0.4094, 0.3211



35.3042, 0.2621, 0.3855

Square

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



35.3042, 0.4094, 0.3211



35.3042, 0.3726, 0.4338



35.3042, 0.2236, 0.3258



35.3042, 0.2489, 0.2374

Rectangle

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



35.3042, 0.4094, 0.3211



35.3042, 0.4234, 0.3953



35.3042, 0.2236, 0.3258



35.3042, 0.2115, 0.2520

Sweetspot

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



35.3060, 0.4094, 0.3211



80.3157, 0.3329, 0.3268



37.6981, 0.3102, 0.2263



16.7744, 0.3355, 0.3265



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.



35.3060, 0.4094, 0.3211



39.1148, 0.4408, 0.3198



47.8478, 0.3980, 0.3743



14.3854, 0.3281, 0.3273



9.5543, 0.6317, 0.3254



0.7122, 0.6100, 0.3134

Inverse Universe

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



35.3060, 0.4094, 0.3211



39.1148, 0.4408, 0.3198



46.6919, 0.2485, 0.2781



14.3854, 0.3281, 0.3273



9.5543, 0.6317, 0.3254



0.7122, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 35.3042, 0.4094, 0.3211 looks on a white background.

Color Contrast Check

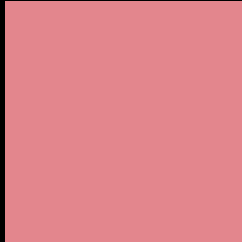
Large Text (above 18pt) WCAG AA × Fail

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 35.3042, 0.4094, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

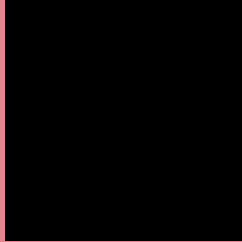
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3042, 0.4094, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 35.3042, 0.4094, 0.3211.



This preview shows how white text looks on a background with the Yxy color 35.3042, 0.4094, 0.3211.

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

35.3042, 0.4094, 0.3211

Protanopia

35.5075, 0.3221, 0.3363

Deuteranopia

35.5631, 0.3609, 0.3541



Tritanopia

35.3643, 0.4070, 0.3187

Trichromacy



Original Color

35.3042, 0.4094, 0.3211

Protanomaly

35.0266, 0.3520, 0.3305

Deuteranomaly

34.9818, 0.3787, 0.3410

Tritanomaly

35.3341, 0.4082, 0.3199

Monochromacy



Original Color

35.3042, 0.4094, 0.3211

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.2621, 0.3446, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3042, 0.4094, 0.3211 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(227, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 134, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.3042, 0.4094, 0.3211 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(227, 134, 141) }
```

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

```
.border{ border-color:rgb(227, 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(227, 134, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(227, 134,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3042, 0.4094, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 134, 141) }
```

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

```
.background{ background-color: rgb(227,  
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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