

Converting Colors

$Y_{xy}(35.1895, 0.4018, 0.3171)$

Have a look what the booklet for
Yxy(35.1895, 0.4018, 0.3171)
contains.

Yxy(35.2196, 0.4011, 0.3174)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2196, 0.4011, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	E08791
RGB	224, 135, 145
RGB Percent	88%, 53%, 57%
CMY	0.1217, 0.4705, 0.4314
CMYK	0.00, 0.40, 0.35, 0.12
HSL	353°, 59%, 70%
HSV	353°, 40%, 88%
XYZ	44.5072, 35.2196, 31.2360
YIQ	162.7510, 49.8340, 21.9780

Conversions

Conversions Part 2

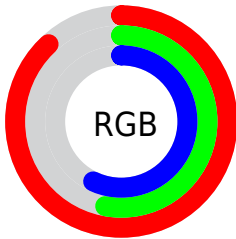
Format	Color
RYB	224, 135, 145
Decimal	14714769
CIELab	65.92, 35.17, 9.33
CIElCh	66, 36.388, 14.865
Yxy	35.2196, 0.4011, 0.3174
Android (android.graphics.Color)	4292904849 (0xFFE08791)
YUV	162.7510, -8.7512, 53.7154
Hunter-Lab	59.3461, 30.0121, 10.3358

Details

The Yxy color **35.2196, 0.4011, 0.3174** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3022, 0.2632, 0.3415**, and the grayscale version is **36.5283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7787, 0.3599, 0.3188**, and **15.1197, 0.4293, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **29.0531, 0.4368, 0.3149**, and if you desaturate by 10%, it is **42.8115, 0.3714, 0.3204**.

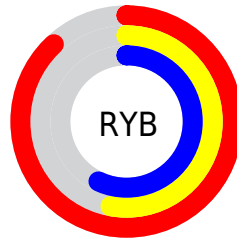
Distribution



Red (88%)

Green (53%)

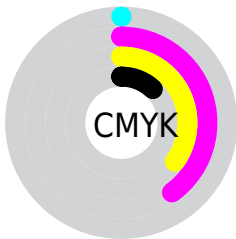
Blue (57%)



Red (88%)

Yellow (53%)

Blue (57%)

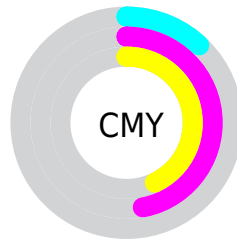


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2196, 0.4011, 0.3174 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 35.2196, 0.4011, 0.3174 by changing the saturation by 10% instead.


 35.2196, 0.4011,
0.3174


 35.2196, 0.4011,
0.3174


325.5366, 0.3545,
0.3245


 23.8321, 0.4135,
0.3152


 67.8258, 0.3836,
0.3203

 15.2091, 0.4299,
0.3120


 89.8133, 0.3772,
0.3213

 8.9663, 0.4524,
0.3072


 116.1029, 0.3718,
0.3221

 4.7192, 0.4852,
0.2994

147.0791, 0.3673,
0.3228

 2.0835, 0.5368,
0.2853

183.1261, 0.3634,
0.3233

 0.6553, 0.6982,
0.2761

224.6284, 0.3600,

 0.0000, 1.0000,

0.3238

0.0000

271.9705, 0.3571,
0.3242

0.0000, 0.0000,
0.0000

35.2196, 0.4011,
0.3174

35.2196, 0.4011,
0.3174

29.0531, 0.4368,
0.3149

42.8115, 0.3714,
0.3204

24.2181, 0.4780,
0.3132

51.9047, 0.3473,
0.3234

20.6176, 0.5227,
0.3129

62.5758, 0.3279,
0.3263

18.1393, 0.5665,
0.3147

74.8947, 0.3123,
0.3291

16.6503, 0.6031,
0.3186

88.9273, 0.2998,
0.3316

■ 15.9292, 0.6278,
0.3234

■ 94.5821, 0.2940,
0.3289

■ 15.9127, 0.6284,
0.3235

Harmonies

Analogous

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



35.2196, 0.3522, 0.2788



35.2196, 0.4011, 0.3174



35.2196, 0.4238, 0.3609

Triad

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



35.2196, 0.4011, 0.3174



35.2196, 0.3222, 0.4251



35.2196, 0.2192, 0.2503

Complementary

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



35.2196, 0.4011, 0.3174



63.3022, 0.2632, 0.3415

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.



35.2196, 0.2130, 0.2814



35.2196, 0.4011, 0.3174



35.2196, 0.2693, 0.3879

Square

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



35.2196, 0.4011, 0.3174



35.2196, 0.3751, 0.4277



35.2196, 0.2303, 0.3319



35.2196, 0.2477, 0.2410

Rectangle

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



35.2196, 0.4011, 0.3174



35.2196, 0.4203, 0.3889



35.2196, 0.2303, 0.3319



35.2196, 0.2146, 0.2582

Sweetspot

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



35.2213, 0.4011, 0.3174



80.3785, 0.3321, 0.3256



36.9499, 0.3076, 0.2285



16.7891, 0.3346, 0.3253



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.



35.2213, 0.4011, 0.3174



40.0108, 0.4315, 0.3152



46.0128, 0.3960, 0.3695



13.7254, 0.3274, 0.3264



9.2738, 0.6260, 0.3222



0.6513, 0.5946, 0.3049

Inverse Universe

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



35.2213, 0.4011, 0.3174



40.0108, 0.4315, 0.3152



47.3052, 0.2512, 0.2840



13.7254, 0.3274, 0.3264



9.2738, 0.6260, 0.3222



0.6513, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 35.2196, 0.4011, 0.3174 looks on a white background.

Color Contrast Check

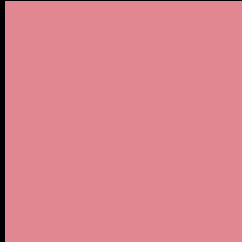
Large Text (above 18pt) WCAG AA × Fail

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 35.2196, 0.4011, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

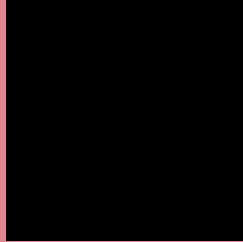
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2196, 0.4011, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 35.2196, 0.4011, 0.3174.



This preview shows how white text looks on a background with the Yxy color 35.2196, 0.4011, 0.3174.

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

35.2196, 0.4011, 0.3174

Protanopia

35.5027, 0.3184, 0.3319

Deuteranopia

35.4630, 0.3538, 0.3472



Tritanopia

35.2196, 0.4011, 0.3174

Trichromacy



Original Color

35.2196, 0.4011, 0.3174

Protanomaly

34.8722, 0.3469, 0.3264

Deuteranomaly

35.1687, 0.3708, 0.3358

Tritanomaly

35.2196, 0.4011, 0.3174

Monochromacy



Original Color

35.2196, 0.4011, 0.3174

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4971, 0.3424, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2196, 0.4011, 0.3174 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(224, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 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(224, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.2196, 0.4011, 0.3174 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(224, 135, 145) }
```

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

```
.border{ border-color:rgb(224, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2196, 0.4011, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 145) }
```

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

```
.background{ background-color: rgb(224,  
135, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor