

Converting Colors

$Y_{xy}(34.1125, 0.3937, 0.3020)$

Have a look what the booklet for
Yxy(34.1125, 0.3937, 0.3020)
contains.

| | |
|---|----|
| Yxy(34.1125, 0.3937, 0.3020) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(34.1125, 0.3937, 0.3020)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E08299 |
| RGB | 224, 130, 153 |
| RGB Percent | 88%, 51%, 60% |
| CMY | 0.1216, 0.4901, 0.4000 |
| CMYK | 0.00, 0.42, 0.32, 0.12 |
| HSL | 345°, 60%, 69% |
| HSV | 345°, 42%, 88% |
| XYZ | 44.4705, 34.1125, 34.3723 |
| YIQ | 160.7280, 48.6410, 27.0810 |

Conversions

Conversions Part 2

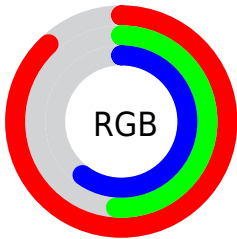
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 130, 153 |
| Decimal | 14713497 |
| CIE _{Lab} | 65.05, 38.80, 3.56 |
| CIE _{LCh} | 65, 38.966, 5.249 |
| Yxy | 34.1125, 0.3937, 0.3020 |
| Android (android.graphics.Color) | 4292903577 (0xFFE08299) |
| YUV | 160.7280, -3.8099, 55.4895 |
| Hunter-Lab | 58.4059, 33.7003, 5.9915 |

Details

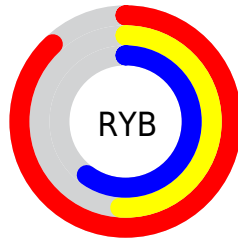
The Yxy color **34.1125, 0.3937, 0.3020** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.2723, 0.2674, 0.3589**, and the grayscale version is **35.5100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0460, 0.3542, 0.3054**, and **14.5151, 0.4200, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **28.2692, 0.4245, 0.2963**, and if you desaturate by 10%, it is **41.3353, 0.3678, 0.3085**.

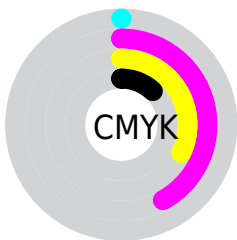
Distribution



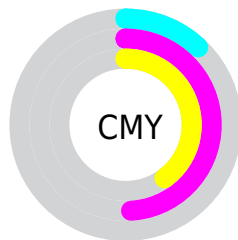
- Red (88%)
- Green (51%)
- Blue (60%)



- Red (88%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1125, 0.3937, 0.3020 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 34.1125, 0.3937, 0.3020 by changing the saturation by 10% instead.


 34.1125, 0.3937,
0.3020


 34.1125, 0.3937,
0.3020


320.6334, 0.3510,
0.3166

 22.9800, 0.4051,
0.2980


 66.1086, 0.3776,
0.3076

 14.5788, 0.4201,
0.2926


 87.7410, 0.3718,
0.3096

 8.5243, 0.4409,
0.2850


 113.6422, 0.3669,
0.3113

 4.4322, 0.4713,
0.2736

144.1965, 0.3627,
0.3127

 1.9182, 0.5197,
0.2547

179.7884, 0.3592,
0.3139

 0.5593, 0.6427,
0.2174

220.8022, 0.3561,

 0.0000, 1.0000,

0.3149

0.0000

267.6224, 0.3534,
0.3158

0.0000, 0.0000,
0.0000

34.1125, 0.3937,
0.3020

34.1125, 0.3937,
0.3020

28.2692, 0.4245,
0.2963

41.3353, 0.3678,
0.3085

23.7122, 0.4601,
0.2922

50.0132, 0.3465,
0.3152

20.3443, 0.4990,
0.2907


60.2221, 0.3292,
0.3217


18.0525, 0.5383,
0.2930

72.0312, 0.3151,
0.3279

16.7013, 0.5739,
0.2994

85.5053, 0.3037,
0.3335

 16.1198, 0.5976,
0.3066

 94.5558, 0.2943,
0.3294

 94.5862, 0.2940,
0.3289

Harmonies

Analogous

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



34.1125, 0.3353, 0.2641



34.1125, 0.3937, 0.3020



34.1125, 0.4290, 0.3475

Triad

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



34.1125, 0.3937, 0.3020



34.1125, 0.3414, 0.4386



34.1125, 0.2076, 0.2521

Complementary

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



34.1125, 0.3937, 0.3020



62.2723, 0.2674, 0.3589

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.



34.1125, 0.2088, 0.2926



34.1125, 0.3937, 0.3020



34.1125, 0.2827, 0.4098

Square

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



34.1125, 0.3937, 0.3020



34.1125, 0.3952, 0.4288



34.1125, 0.2349, 0.3519



34.1125, 0.2305, 0.2352

Rectangle

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



34.1125, 0.3937, 0.3020



34.1125, 0.4328, 0.3785



34.1125, 0.2349, 0.3519



34.1125, 0.2053, 0.2630

Sweetspot

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



34.1142, 0.3937, 0.3020



79.1335, 0.3310, 0.3210



33.6979, 0.2953, 0.2192



16.2586, 0.3346, 0.3196



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.



34.1142, 0.3937, 0.3020



39.0600, 0.4193, 0.2971



40.4071, 0.4087, 0.3572



13.7552, 0.3254, 0.3233



9.3988, 0.5939, 0.3045



0.6655, 0.5500, 0.2804

Inverse Universe

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



34.1142, 0.3937, 0.3020



39.0600, 0.4193, 0.2971



51.6678, 0.2506, 0.2981



13.7552, 0.3254, 0.3233



9.3988, 0.5939, 0.3045



0.6655, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 34.1125, 0.3937, 0.3020 looks on a white background.

Color Contrast Check

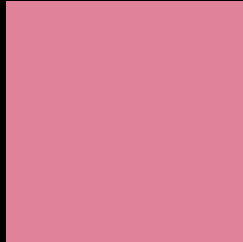
Large Text (above 18pt) WCAG AA × Fail

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 34.1125, 0.3937, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

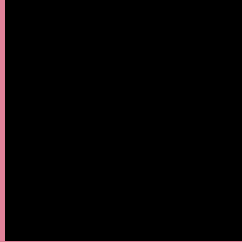
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1125, 0.3937, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 34.1125, 0.3937, 0.3020.



This preview shows how white text looks on a background with the Yxy color 34.1125, 0.3937, 0.3020.

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

34.1125, 0.3937, 0.3020

Protanopia

34.2476, 0.3030, 0.3115

Deuteranopia

34.2995, 0.3411, 0.3348



Tritanopia

34.1435, 0.4049, 0.3173

Trichromacy



Original Color

34.1125, 0.3937, 0.3020

Protanomaly

33.4569, 0.3334, 0.3070

Deuteranomaly

33.9221, 0.3600, 0.3224

Tritanomaly

33.9959, 0.4006, 0.3114

Monochromacy



Original Color

34.1125, 0.3937, 0.3020

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.4717, 0.3400, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1125, 0.3937, 0.3020 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, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(224, 130, 153)  
}
```

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, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.1125, 0.3937, 0.3020 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, 130, 153) }
```

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

```
.border{ border-color:rgb(224, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(224, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1125, 0.3937, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 130, 153) }
```

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

```
.background{ background-color: rgb(224,  
130, 153) }
```

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