

Converting Colors

$Y_{xy}(35.3040, 0.3985, 0.3141)$

Have a look what the booklet for
Yxy(35.3040, 0.3985, 0.3141)
contains.

Yxy(35.3134, 0.3976, 0.3138)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.3134, 0.3976, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	E08794
RGB	224, 135, 148
RGB Percent	88%, 53%, 58%
CMY	0.1217, 0.4705, 0.4196
CMYK	0.00, 0.40, 0.34, 0.12
HSL	351°, 59%, 70%
HSV	351°, 40%, 88%
XYZ	44.7438, 35.3134, 32.4775
YIQ	163.0930, 48.8710, 22.9110

Conversions

Conversions Part 2

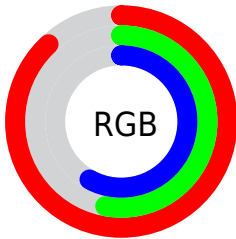
Format	Color
R_{YB}	224, 135, 148
Decimal	14714772
CIE _{Lab}	65.99, 35.54, 7.74
CIE _{LCh}	66, 36.375, 12.278
Yxy	35.3134, 0.3976, 0.3138
Android (android.graphics.Color)	4292904852 (0xFFE08794)
YUV	163.0930, -7.4408, 53.4154
Hunter-Lab	59.4251, 30.4068, 9.1939

Details

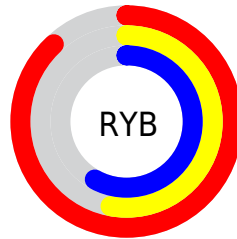
The Yxy color **35.3134, 0.3976, 0.3138** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1516, 0.2648, 0.3455**, and the grayscale version is **36.6924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9195, 0.3574, 0.3157**, and **15.1566, 0.4258, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **29.1512, 0.4318, 0.3104**, and if you desaturate by 10%, it is **42.8937, 0.3692, 0.3177**.

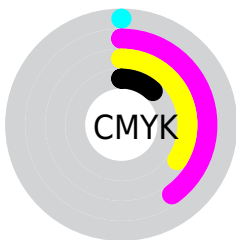
Distribution



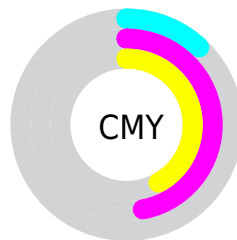
- Red (88%)
- Green (53%)
- Blue (58%)



- Red (88%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3134, 0.3976, 0.3138 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 35.3134, 0.3976, 0.3138 by changing the saturation by 10% instead.


 35.3134, 0.3976,
0.3138


 35.3134, 0.3976,
0.3138


325.9495, 0.3529,
0.3226


 23.9044, 0.4095,
0.3112


 67.9710, 0.3808,
0.3173

 15.2627, 0.4252,
0.3075


 89.9884, 0.3747,
0.3185

 9.0040, 0.4468,
0.3022


 116.3106, 0.3695,
0.3195

 4.7438, 0.4782,
0.2938

147.3222, 0.3652,
0.3204

 2.0977, 0.5278,
0.2791

183.4075, 0.3615,
0.3211

 0.6633, 0.6659,
0.2624

224.9509, 0.3582,

 0.0000, 1.0000,

0.3217

0.0000

272.3368, 0.3554,
0.3222

■ 0.0000, 0.0000,
0.0000

■ 35.3134, 0.3976,
0.3138

■ 35.3134, 0.3976,
0.3138

■ 29.1512, 0.4318,
0.3104

■ 42.8937, 0.3692,
0.3177

■ 24.3139, 0.4714,
0.3080

■ 51.9674, 0.3460,
0.3217

■ 20.7054, 0.5146,
0.3074

■ 62.6106, 0.3274,
0.3255

■ 18.2142, 0.5577,
0.3093

■ 74.8928, 0.3123,
0.3291

■ 16.7084, 0.5950,
0.3139

■ 88.8791, 0.3002,
0.3324

■ 15.9679, 0.6217,
0.3201

■ 94.5829, 0.2940,
0.3289

■ 15.9510, 0.6223,
0.3202

Harmonies

Analogous

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



35.3134, 0.3473, 0.2760



35.3134, 0.3976, 0.3138



35.3134, 0.4230, 0.3571

Triad

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



35.3134, 0.3976, 0.3138



35.3134, 0.3269, 0.4266



35.3134, 0.2178, 0.2522

Complementary

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



35.3134, 0.3976, 0.3138



63.1516, 0.2648, 0.3455

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.



35.3134, 0.2137, 0.2851



35.3134, 0.3976, 0.3138



35.3134, 0.2735, 0.3922

Square

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



35.3134, 0.3976, 0.3138



35.3134, 0.3791, 0.4262



35.3134, 0.2329, 0.3368



35.3134, 0.2445, 0.2411

Rectangle

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



35.3134, 0.3976, 0.3138



35.3134, 0.4214, 0.3854



35.3134, 0.2329, 0.3368



35.3134, 0.2139, 0.2607

Sweetspot

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



35.3151, 0.3976, 0.3138



80.4363, 0.3314, 0.3246



36.5085, 0.3048, 0.2277



16.8026, 0.3338, 0.3241



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.



35.3151, 0.3976, 0.3138



40.1429, 0.4267, 0.3108



44.9213, 0.3974, 0.3660



13.7330, 0.3269, 0.3256



9.2975, 0.6196, 0.3187



0.6549, 0.5824, 0.2982

Inverse Universe

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



35.3151, 0.3976, 0.3138



40.1429, 0.4267, 0.3108



48.6020, 0.2518, 0.2881



13.7330, 0.3269, 0.3256



9.2975, 0.6196, 0.3187



0.6549, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 35.3134, 0.3976, 0.3138 looks on a white background.

Color Contrast Check

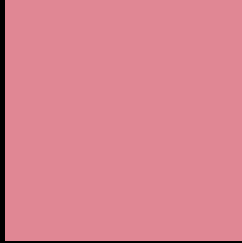
Large Text (above 18pt) WCAG AA × Fail

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 35.3134, 0.3976, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

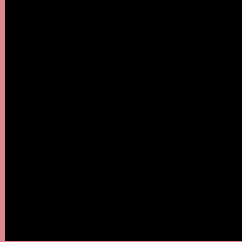
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3134, 0.3976, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 35.3134, 0.3976, 0.3138.



This preview shows how white text looks on a background with the Yxy color 35.3134, 0.3976, 0.3138.

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

35.3134, 0.3976, 0.3138

Protanopia

35.5368, 0.3138, 0.3261

Deuteranopia

35.4014, 0.3508, 0.3445



Tritanopia

35.2506, 0.4000, 0.3162

Trichromacy



Original Color

35.3134, 0.3976, 0.3138

Protanomaly

34.8818, 0.3418, 0.3209

Deuteranomaly

35.0945, 0.3676, 0.3331

Tritanomaly

35.2818, 0.3988, 0.3150

Monochromacy



Original Color

35.3134, 0.3976, 0.3138

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5654, 0.3404, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3134, 0.3976, 0.3138 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 148) }
```

Border

The CSS property to change the border of an element to Yxy 35.3134, 0.3976, 0.3138 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, 148) }
```

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

```
.border{ border-color:rgb(224, 135, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3134, 0.3976, 0.3138 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, 148) }
```

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

```
.background{ background-color: rgb(224,  
135, 148) }
```

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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