

Converting Colors

$Y_{xy}(34.0727, 0.4075, 0.3028)$

Have a look what the booklet for
Yxy(34.0727, 0.4075, 0.3028)
contains.

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Color

Yxy(34.0806, 0.4074, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	E77E95
RGB	231, 126, 149
RGB Percent	91%, 49%, 58%
CMY	0.0942, 0.5058, 0.4157
CMYK	0.00, 0.45, 0.35, 0.09
HSL	347°, 69%, 70%
HSV	347°, 45%, 91%
XYZ	45.8384, 34.0806, 32.5954
YIQ	160.0170, 55.1970, 29.4130

Conversions

Conversions Part 2

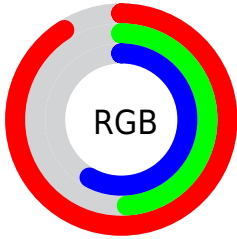
Format	Color
RYB	231, 126, 149
Decimal	15171221
CIELab	65.03, 42.85, 5.91
CIELCh	65, 43.256, 7.852
Yxy	34.0806, 0.4074, 0.3029
Android (android.graphics.Color)	4293361301 (0xFFE77E95)
YUV	160.0170, -5.4314, 62.2521
Hunter-Lab	58.3786, 37.9941, 7.7607

Details

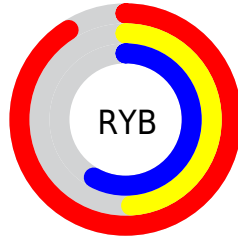
The Yxy color **34.0806, 0.4074, 0.3029** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1375, 0.2631, 0.3583**, and the grayscale version is **35.1701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6195, 0.3582, 0.3063**, and **14.5501, 0.4383, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **28.3083, 0.4413, 0.2983**, and if you desaturate by 10%, it is **41.3093, 0.3787, 0.3085**.

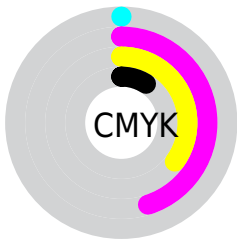
Distribution



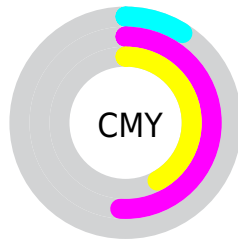
- Red (91%)
- Green (49%)
- Blue (58%)



- Red (91%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (35%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0806, 0.4074, 0.3029 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 34.0806, 0.4074, 0.3029 by changing the saturation by 10% instead.


 34.0806, 0.4074,
0.3029


 34.0806, 0.4074,
0.3029


320.4913, 0.3574,
0.3174


 22.9555, 0.4207,
0.2988


 66.0590, 0.3886,
0.3085

 14.5607, 0.4383,
0.2932


 87.6811, 0.3817,
0.3105

 8.5116, 0.4625,
0.2853


 113.5710, 0.3760,
0.3122

 4.4240, 0.4978,
0.2732

144.1131, 0.3711,
0.3136

 1.9135, 0.5533,
0.2529

179.6918, 0.3670,
0.3147

 0.5565, 0.7071,
0.2176

220.6914, 0.3634,

 0.0000, 1.0000,

0.3157

0.0000

267.4965, 0.3602,
0.3166

0.0000, 0.0000,
0.0000

34.0806, 0.4074,
0.3029

34.0806, 0.4074,
0.3029

28.3083, 0.4413,
0.2983

41.3093, 0.3787,
0.3085

23.8880, 0.4798,
0.2955

50.0791, 0.3549,
0.3145

20.7096, 0.5206,
0.2957

60.4744, 0.3356,
0.3205

18.6431, 0.5599,
0.2995

72.5719, 0.3199,
0.3261

17.5294, 0.5929,
0.3071

86.4435, 0.3073,
0.3313

 17.2227, 0.6054,
0.3109

 95.7274, 0.2981,
0.3290

Harmonies

Analogous

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



34.0806, 0.3435, 0.2609



34.0806, 0.4074, 0.3029



34.0806, 0.4434, 0.3526

Triad

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



34.0806, 0.4074, 0.3029



34.0806, 0.3379, 0.4506



34.0806, 0.1987, 0.2413

Complementary

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



34.0806, 0.4074, 0.3029



66.1375, 0.2631, 0.3583

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.



34.0806, 0.1976, 0.2831



34.0806, 0.4074, 0.3029



34.0806, 0.2737, 0.4150

Square

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



34.0806, 0.4074, 0.3029



34.0806, 0.3985, 0.4413



34.0806, 0.2233, 0.3479



34.0806, 0.2257, 0.2258

Rectangle

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



34.0806, 0.4074, 0.3029



34.0806, 0.4447, 0.3863



34.0806, 0.2233, 0.3479



34.0806, 0.1954, 0.2523

Sweetspot

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



34.0823, 0.4074, 0.3029



77.6322, 0.3332, 0.3212



33.8869, 0.2949, 0.2105



15.9608, 0.3370, 0.3200



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.



34.0823, 0.4074, 0.3029



35.5231, 0.4408, 0.2983



41.6076, 0.4194, 0.3615



14.4194, 0.3258, 0.3239



9.6713, 0.6017, 0.3088



0.7284, 0.5612, 0.2865

Inverse Universe

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



34.0823, 0.4074, 0.3029



35.5231, 0.4408, 0.2983



52.9159, 0.2455, 0.2927



14.4194, 0.3258, 0.3239



9.6713, 0.6017, 0.3088



0.7284, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 34.0806, 0.4074, 0.3029 looks on a white background.

Color Contrast Check

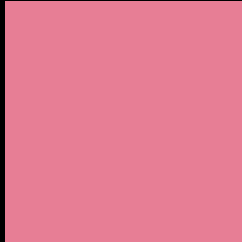
Large Text (above 18pt) WCAG AA × Fail

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 34.0806, 0.4074, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

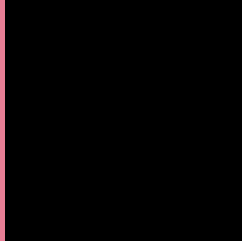
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0806, 0.4074, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 34.0806, 0.4074, 0.3029.



This preview shows how white text looks on a background with the Yxy color 34.0806, 0.4074, 0.3029.

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

34.0806, 0.4074, 0.3029

Protanopia

34.2749, 0.3057, 0.3144

Deuteranopia

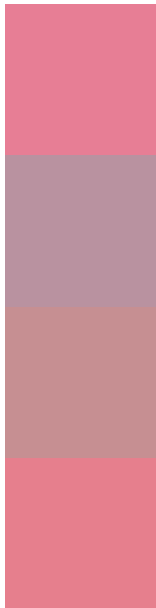
34.3798, 0.3482, 0.3418



Tritanopia

34.0675, 0.4201, 0.3189

Trichromacy



Original Color

34.0806, 0.4074, 0.3029

Protanomaly

33.4101, 0.3398, 0.3099

Deuteranomaly

33.7260, 0.3693, 0.3252

Tritanomaly

33.9248, 0.4157, 0.3132

Monochromacy



Original Color

34.0806, 0.4074, 0.3029

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0192, 0.3445, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0806, 0.4074, 0.3029 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(231, 126, 149)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 149)  
}
```

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(231, 126, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.0806, 0.4074, 0.3029 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(231, 126, 149) }
```

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

```
.border{ border-color:rgb(231, 126, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 126, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 126, 149); box-shadow:4px 4px 4px 4px rgb(231, 126, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0806, 0.4074, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 149) }
```

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

```
.background{ background-color: rgb(231,  
126, 149) }
```

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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