

Converting Colors

$Y_{xy}(34.0223, 0.3998, 0.2806)$

Have a look what the booklet for
Yxy(34.0223, 0.3998, 0.2806)
contains.

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Color

Yxy(34.0151, 0.4001, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	EE77A3
RGB	238, 119, 163
RGB Percent	93%, 47%, 64%
CMY	0.0667, 0.5333, 0.3608
CMYK	0.00, 0.50, 0.32, 0.07
HSL	338°, 78%, 70%
HSV	338°, 50%, 93%
XYZ	48.4667, 34.0151, 38.6546
YIQ	159.5970, 56.8000, 38.9120

Conversions

Conversions Part 2

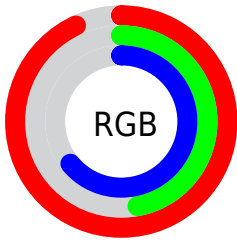
Format	Color
R _Y B	238, 119, 163
Decimal	15628195
CIE Lab	64.97, 50.43, -2.00
CIE LCh	65, 50.470, 357.724
Yxy	34.0151, 0.4001, 0.2808
Android (android.graphics.Color)	4293818275 (0xFFEE77A3)
YUV	159.5970, 1.6777, 68.7594
Hunter-Lab	58.3225, 46.2713, 1.5298

Details

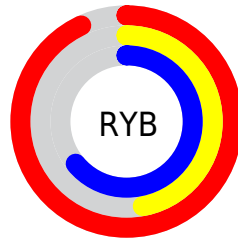
The Yxy color **34.0151, 0.4001, 0.2808** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68.9681, 0.2681, 0.3859**, and the grayscale version is **34.9325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5941, 0.3465, 0.2840**, and **14.5120, 0.4287, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **28.5369, 0.4283, 0.2733**, and if you desaturate by 10%, it is **40.9787, 0.3757, 0.2900**.

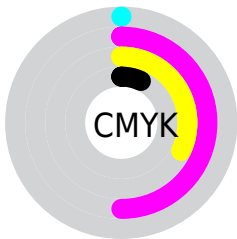
Distribution



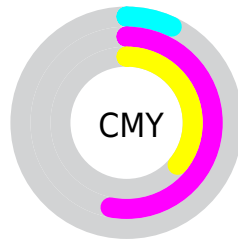
- Red (93%)
- Green (47%)
- Blue (64%)



- Red (93%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0151, 0.4001, 0.2808 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 34.0151, 0.4001, 0.2808 by changing the saturation by 10% instead.


 34.0151, 0.4001,
0.2808


 34.0151, 0.4001,
0.2808


320.1994, 0.3545,
0.3058


 22.9052, 0.4121,
0.2743


 65.9572, 0.3831,
0.2901

 14.5235, 0.4278,
0.2658


 87.5581, 0.3768,
0.2935

 8.4857, 0.4493,
0.2543

 113.4248, 0.3716,
0.2964

 4.4073, 0.4804,
0.2379

143.9418, 0.3671,
0.2988

 1.9039, 0.5287,
0.2127

179.4933, 0.3633,
0.3009

 0.5507, 0.6221,
0.1613

220.4638, 0.3600,

 0.0000, 1.0000,

0.3027

0.0000

267.2377, 0.3570,
0.3043

■ 0.0000, 0.0000,
0.0000

■ 34.0151, 0.4001,
0.2808

■ 34.0151, 0.4001,
0.2808

■ 28.5369, 0.4283,
0.2733

■ 40.9787, 0.3757,
0.2900

■ 24.4287, 0.4596,
0.2688

■ 49.5215, 0.3552,
0.3000

■ 21.5667, 0.4925,
0.2684

■ 59.7355, 0.3382,
0.3101


■ 19.8013, 0.5247,
0.2732


■ 71.7040, 0.3242,
0.3198

■ 18.8815, 0.5540,
0.2826

■ 85.5049, 0.3127,
0.3290

 18.8812, 0.5540,
0.2826

 96.7898, 0.3034,
0.3309

 96.9173, 0.3023,
0.3290

Harmonies

Analogous

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



34.0151, 0.3204, 0.2385



34.0151, 0.4001, 0.2808



34.0151, 0.4561, 0.3344

Triad

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



34.0151, 0.4001, 0.2808



34.0151, 0.3649, 0.4731



34.0151, 0.1791, 0.2398

Complementary

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



34.0151, 0.4001, 0.2808



68.9681, 0.2681, 0.3859

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.



34.0151, 0.1872, 0.2971



34.0151, 0.4001, 0.2808



34.0151, 0.2902, 0.4515

Square

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



34.0151, 0.4001, 0.2808



34.0151, 0.4296, 0.4443



34.0151, 0.2256, 0.3791



34.0151, 0.1996, 0.2137

Rectangle

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



34.0151, 0.4001, 0.2808



34.0151, 0.4679, 0.3726



34.0151, 0.2256, 0.3791



34.0151, 0.1785, 0.2553

Sweetspot

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



34.0168, 0.4001, 0.2808



76.5200, 0.3309, 0.3149



30.6258, 0.2759, 0.1926



15.7552, 0.3339, 0.3129



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.



34.0168, 0.4001, 0.2808



33.2502, 0.4289, 0.2732



36.2546, 0.4464, 0.3446



15.8554, 0.3235, 0.3203



10.5566, 0.5499, 0.2803



0.8968, 0.5140, 0.2605

Inverse Universe

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



34.0168, 0.4001, 0.2808



33.2502, 0.4289, 0.2732



63.4706, 0.2441, 0.3116



15.8554, 0.3235, 0.3203



10.5566, 0.5499, 0.2803



0.8968, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 34.0151, 0.4001, 0.2808 looks on a white background.

Color Contrast Check

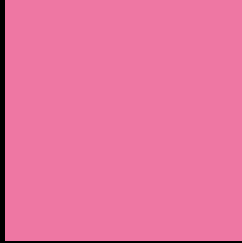
Large Text (above 18pt) WCAG AA × Fail

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 34.0151, 0.4001, 0.2808 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 34.0151, 0.4001, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 34.0151, 0.4001, 0.2808.



This preview shows how white text looks on a background with the Yxy color 34.0151, 0.4001, 0.2808.

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

34.0151, 0.4001, 0.2808

Protanopia

34.3345, 0.2834, 0.2873

Deuteranopia

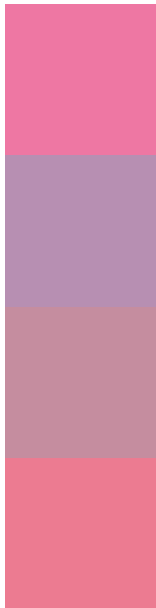
34.1010, 0.3291, 0.3233



Tritanopia

34.0506, 0.4303, 0.3193

Trichromacy



Original Color

34.0151, 0.4001, 0.2808

Protanomaly

32.9266, 0.3200, 0.2819

Deuteranomaly

33.4233, 0.3546, 0.3054

Tritanomaly

34.0431, 0.4188, 0.3047

Monochromacy



Original Color

34.0151, 0.4001, 0.2808

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.5154, 0.3421, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0151, 0.4001, 0.2808 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(238, 119, 163)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 163)  
}
```

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(238, 119, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.0151, 0.4001, 0.2808 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(238, 119, 163) }
```

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

```
.border{ border-color:rgb(238, 119, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 163);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0151, 0.4001, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 163) }
```

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

```
.background{ background-color: rgb(238,  
119, 163) }
```

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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