

Converting Colors

$Y_{xy}(34.9261, 0.3996, 0.2803)$

Have a look what the booklet for
Yxy(34.9261, 0.3996, 0.2803)
contains.

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Color

Yxy(34.8503, 0.4004, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	F178A5
RGB	241, 120, 165
RGB Percent	95%, 47%, 65%
CMY	0.0549, 0.5294, 0.3529
CMYK	0.00, 0.50, 0.32, 0.05
HSL	338°, 81%, 71%
HSV	338°, 50%, 95%
XYZ	49.7826, 34.8503, 39.6993
YIQ	161.3090, 57.6710, 39.6470

Conversions

Conversions Part 2

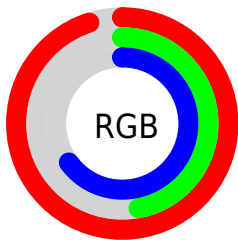
Format	Color
R_{YB}	241, 120, 165
Decimal	15825061
CIE _{Lab}	65.63, 51.18, -2.14
CIE _{LCh}	66, 51.224, 357.611
Yxy	34.8503, 0.4004, 0.2803
Android (android.graphics.Color)	4294015141 (0xFFFF178A5)
YUV	161.3090, 1.8197, 69.8890
Hunter-Lab	59.0341, 47.2166, 1.4526

Details

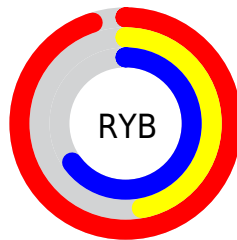
The Yxy color **34.8503, 0.4004, 0.2803** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70.8883, 0.2681, 0.3866**, and the grayscale version is **35.7646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0873, 0.3446, 0.2831**, and **15.0338, 0.4287, 0.2661** is the 20% darker color. If you saturate the color by 10%, you get **29.2471, 0.4285, 0.2728**, and if you desaturate by 10%, it is **41.9808, 0.3760, 0.2896**.

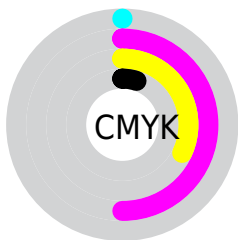
Distribution



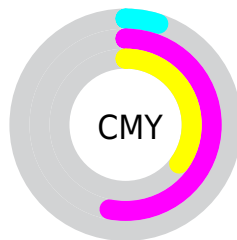
- Red (95%)
- Green (47%)
- Blue (65%)



- Red (95%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (5%)




- Cyan (5%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8503, 0.4004, 0.2803 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 34.8503, 0.4004, 0.2803 by changing the saturation by 10% instead.


 34.8503, 0.4004,
0.2803


 34.8503, 0.4004,
0.2803


323.9071, 0.3548,
0.3054

 23.5476, 0.4123,
0.2738


 67.2538, 0.3834,
0.2896

 14.9984, 0.4279,
0.2654


 89.1234, 0.3772,
0.2930

 8.8182, 0.4491,
0.2540

 115.2840, 0.3719,
0.2959

 4.6228, 0.4796,
0.2377

146.1201, 0.3675,
0.2984

 2.0277, 0.5267,
0.2130

182.0161, 0.3636,
0.3005

 0.6235, 0.6121,
0.1666

223.3563, 0.3603,

 0.0000, 1.0000,

0.3024

0.0000

270.5252, 0.3574,
0.3040

■ 0.0000, 0.0000,
0.0000

■ 34.8503, 0.4004,
0.2803

■ 34.8503, 0.4004,
0.2803

■ 29.2471, 0.4285,
0.2728

■ 41.9808, 0.3760,
0.2896

■ 25.0519, 0.4598,
0.2683

■ 50.7353, 0.3555,
0.2996

■ 22.1365, 0.4926,
0.2680


■ 61.2090, 0.3384,
0.3097

■ 20.3461, 0.5247,
0.2729

■ 73.4879, 0.3244,
0.3196

■ 19.4318, 0.5533,
0.2822

■ 87.6523, 0.3129,
0.3288

 97.4402, 0.3041,
0.3290

Harmonies

Analogous

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



34.8503, 0.3202, 0.2379



34.8503, 0.4004, 0.2803



34.8503, 0.4569, 0.3341

Triad

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



34.8503, 0.4004, 0.2803



34.8503, 0.3654, 0.4741



34.8503, 0.1783, 0.2394

Complementary

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



34.8503, 0.4004, 0.2803



70.8883, 0.2681, 0.3866

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.



34.8503, 0.1866, 0.2971



34.8503, 0.4004, 0.2803



34.8503, 0.2902, 0.4526

Square

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



34.8503, 0.4004, 0.2803



34.8503, 0.4305, 0.4447



34.8503, 0.2253, 0.3798



34.8503, 0.1988, 0.2130

Rectangle

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



34.8503, 0.4004, 0.2803



34.8503, 0.4689, 0.3725



34.8503, 0.2253, 0.3798



34.8503, 0.1778, 0.2550

Sweetspot

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



34.8521, 0.4004, 0.2803



76.5249, 0.3308, 0.3149



31.3373, 0.2757, 0.1920



15.7564, 0.3338, 0.3128



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.



34.8521, 0.4004, 0.2803



33.2622, 0.4285, 0.2728



37.1412, 0.4474, 0.3447



15.8561, 0.3235, 0.3202



10.5617, 0.5491, 0.2798



0.8973, 0.5131, 0.2600

Inverse Universe

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



34.8521, 0.4004, 0.2803



33.2622, 0.4285, 0.2728



65.2179, 0.2439, 0.3115



15.8561, 0.3235, 0.3202



10.5617, 0.5491, 0.2798



0.8973, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 34.8503, 0.4004, 0.2803 looks on a white background.

Color Contrast Check

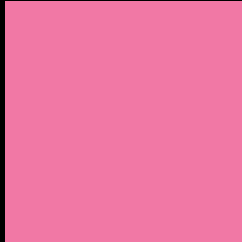
Large Text (above 18pt) WCAG AA × Fail

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 34.8503, 0.4004, 0.2803 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 34.8503, 0.4004, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 34.8503, 0.4004, 0.2803.



This preview shows how white text looks on a background with the Yxy color 34.8503, 0.4004, 0.2803.

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

34.8503, 0.4004, 0.2803

Protanopia

34.9979, 0.2829, 0.2850

Deuteranopia

35.0599, 0.3289, 0.3234



Tritanopia

34.8481, 0.4316, 0.3194

Trichromacy



Original Color

34.8503, 0.4004, 0.2803



Protanomaly

33.6809, 0.3211, 0.2812



Deuteranomaly

34.0613, 0.3543, 0.3043



Tritanomaly

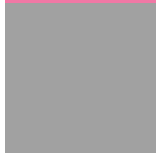
34.8413, 0.4202, 0.3050

Monochromacy



Original Color

34.8503, 0.4004, 0.2803



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

34.1136, 0.3429, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8503, 0.4004, 0.2803 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(241, 120, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 120, 165)  
}
```

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(241, 120, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 120, 165) }
```

Border

The CSS property to change the border of an element to Yxy 34.8503, 0.4004, 0.2803 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(241, 120, 165) }
```

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

```
.border{ border-color:rgb(241, 120, 165) }
```

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

Here you see how a box with a 4 pixel rgb(241, 120, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 120, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 120, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 120,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8503, 0.4004, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 120, 165) }
```

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

```
.background{ background-color: rgb(241,  
120, 165) }
```

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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