

Converting Colors

$Y_{xy}(35.2416, 0.4304, 0.2866)$

Have a look what the booklet for
Yxy(35.2416, 0.4304, 0.2866)
contains.

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Color

Yxy(35.1814, 0.4311, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	FF709A
RGB	255, 112, 154
RGB Percent	100%, 44%, 60%
CMY	0.0001, 0.5607, 0.3960
CMYK	0.00, 0.56, 0.40, 0.00
HSL	342°, 100%, 72%
HSV	342°, 56%, 100%
XYZ	52.8641, 35.1814, 34.5805
YIQ	159.5450, 71.7460, 43.3780

Conversions

Conversions Part 2

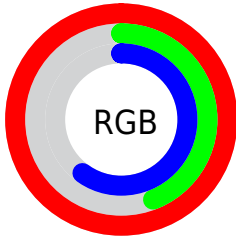
Format	Color
R_{YB}	255, 112, 154
Decimal	16740506
CIE _{Lab}	65.89, 58.22, 4.73
CIE _{LCh}	66, 58.411, 4.649
Yxy	35.1814, 0.4311, 0.2869
Android (android.graphics.Color)	4294930586 (0xFFFF709A)
YUV	159.5450, -2.7337, 83.7140
Hunter-Lab	59.3139, 55.2904, 6.9531

Details

The Yxy color **35.1814, 0.4311, 0.2869** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.7616, 0.2597, 0.3804**, and the grayscale version is **34.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8193, 0.3563, 0.2878**, and **15.1810, 0.4685, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **29.7739, 0.4659, 0.2828**, and if you desaturate by 10%, it is **42.2754, 0.4003, 0.2933**.

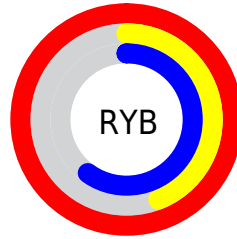
Distribution



Red (100%)

Green (44%)

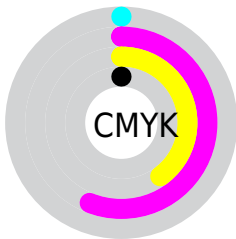
Blue (60%)



Red (100%)

Yellow (44%)

Blue (60%)

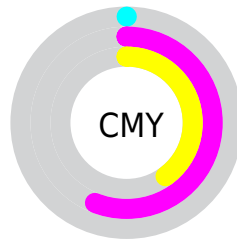


Cyan (0%)

Magenta (56%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1814, 0.4311, 0.2869 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 35.1814, 0.4311, 0.2869 by changing the saturation by 10% instead.


 35.1814, 0.4311,
0.2869

 35.1814, 0.4311,
0.2869


325.3683, 0.3692,
0.3096


 23.8026, 0.4473,
0.2807


 67.7667, 0.4080,
0.2955

 15.1873, 0.4684,
0.2726


 89.7420, 0.3996,
0.2986

 8.9509, 0.4971,
0.2613


 116.0183, 0.3924,
0.3012

 4.7092, 0.5379,
0.2447

146.9800, 0.3864,
0.3034

 2.0777, 0.5996,
0.2187

183.0114, 0.3812,
0.3053

 0.6520, 0.7237,
0.1747

224.4970, 0.3767,


 0.0000, 1.0000,


0.3069

0.0000


271.8212, 0.3727,
0.3083


 0.0000, 0.0000,
0.0000


 35.1814, 0.4311,
0.2869


 35.1814, 0.4311,
0.2869


 29.7739, 0.4659,
0.2828


 42.2754, 0.4003,
0.2933

 25.9050, 0.5031,
0.2822


 51.1763, 0.3742,
0.3009


 23.4103, 0.5397,
0.2862

 61.9999, 0.3524,
0.3090

 22.0839, 0.5721,
0.2947

 74.8506, 0.3346,
0.3170

 21.7641, 0.5833,
0.2987

 89.8254, 0.3201,
0.3246

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



35.1814, 0.3422, 0.2370



35.1814, 0.4311, 0.2869



35.1814, 0.4838, 0.3471

Triad

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



35.1814, 0.4311, 0.2869



35.1814, 0.3500, 0.4952



35.1814, 0.1662, 0.2181

Complementary

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



35.1814, 0.4311, 0.2869



79.7616, 0.2597, 0.3804

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.



35.1814, 0.1672, 0.2729



35.1814, 0.4311, 0.2869



35.1814, 0.2668, 0.4563

Square

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



35.1814, 0.4311, 0.2869



35.1814, 0.4278, 0.4687



35.1814, 0.2009, 0.3629



35.1814, 0.1956, 0.1978

Rectangle

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



35.1814, 0.4311, 0.2869



35.1814, 0.4871, 0.3895



35.1814, 0.2009, 0.3629



35.1814, 0.1631, 0.2321

Sweetspot

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



35.1832, 0.4311, 0.2869



73.5748, 0.3361, 0.3162



32.8228, 0.2802, 0.1803



15.1680, 0.3395, 0.3147



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.



35.1832, 0.4311, 0.2869



29.3545, 0.4693, 0.2826



41.3632, 0.4644, 0.3582



18.0748, 0.3248, 0.3220



11.3960, 0.5791, 0.2964



1.1277, 0.5471, 0.2787

Inverse Universe

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



35.1832, 0.4311, 0.2869



29.3545, 0.4693, 0.2826



65.2719, 0.2346, 0.2943



18.0748, 0.3248, 0.3220



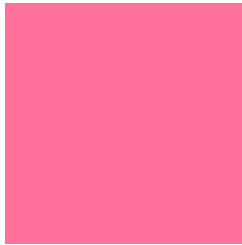
11.3960, 0.5791, 0.2964



1.1277, 0.5471, 0.2787

Previews

White Background



This preview shows how the Yxy color 35.1814, 0.4311, 0.2869 looks on a white background.

Color Contrast Check

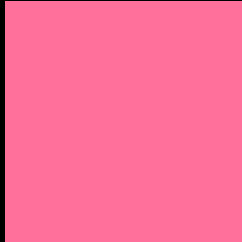
Large Text (above 18pt) WCAG AA × Fail

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 35.1814, 0.4311, 0.2869 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 35.1814, 0.4311, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 35.1814, 0.4311, 0.2869.



This preview shows how white text looks on a background with the Yxy color 35.1814, 0.4311, 0.2869.

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

35.1814, 0.4311, 0.2869

Protanopia

35.3418, 0.2912, 0.2962

Deuteranopia

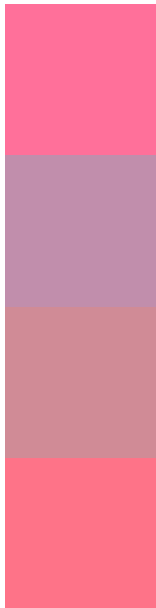
35.3730, 0.3467, 0.3403



Tritanopia

35.1116, 0.4620, 0.3204

Trichromacy



Original Color

35.1814, 0.4311, 0.2869

Protanomaly

33.6620, 0.3365, 0.2896

Deuteranomaly

34.0771, 0.3769, 0.3152

Tritanomaly

35.1099, 0.4516, 0.3082

Monochromacy



Original Color

35.1814, 0.4311, 0.2869

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.7156, 0.3531, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1814, 0.4311, 0.2869 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(255, 112, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 154)  
}
```

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(255, 112, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 154) }
```

Border

The CSS property to change the border of an element to Yxy 35.1814, 0.4311, 0.2869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

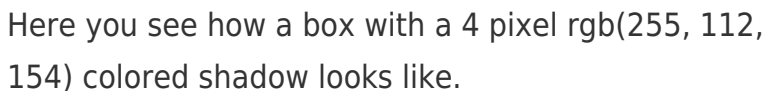
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 112, 154) }
```

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

```
.border{ border-color:rgb(255, 112, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 112, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 112, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 112, 154); box-shadow:4px 4px 4px 4px rgb(255, 112, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1814, 0.4311, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 154) }
```

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

```
.background{ background-color: rgb(255,  
112, 154) }
```

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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