

Converting Colors

Yxy(33.5628, 0.4317, 0.2890)

Have a look what the booklet for
Yxy(33.5628, 0.4317, 0.2890)
contains.

Yxy(33.4615, 0.4324, 0.2890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.4615, 0.4324, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	F96E95
RGB	249, 110, 149
RGB Percent	98%, 43%, 58%
CMY	0.0236, 0.5686, 0.4156
CMYK	0.00, 0.56, 0.40, 0.02
HSL	343°, 92%, 70%
HSV	343°, 56%, 98%
XYZ	50.0649, 33.4615, 32.2573
YIQ	156.0070, 70.3250, 41.5970

Conversions

Conversions Part 2

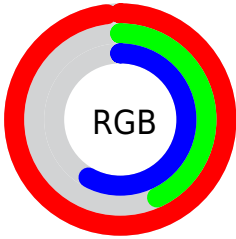
Format	Color
R _Y B	249, 110, 149
Decimal	16346773
CIE Lab	64.53, 56.68, 5.52
CIE LCh	65, 56.946, 5.565
Yxy	33.4615, 0.4324, 0.2890
Android (android.graphics.Color)	4294536853 (0xFFFF96E95)
YUV	156.0070, -3.4545, 81.5549
Hunter-Lab	57.8459, 53.2591, 7.4295

Details

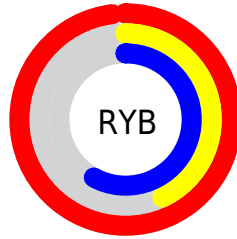
The Yxy color **33.4615, 0.4324, 0.2890** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.7126, 0.2590, 0.3776**, and the grayscale version is **33.2440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8442, 0.3613, 0.2908**, and **14.1384, 0.4697, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **28.2944, 0.4678, 0.2851**, and if you desaturate by 10%, it is **40.2291, 0.4011, 0.2951**.

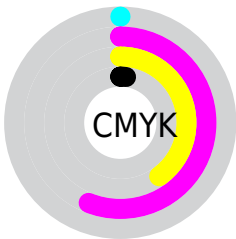
Distribution



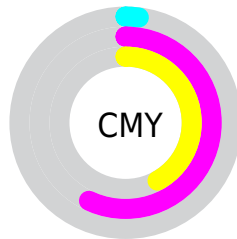
- Red (98%)
- Green (43%)
- Blue (58%)



- Red (98%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4615, 0.4324, 0.2890 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 33.4615, 0.4324, 0.2890 by changing the saturation by 10% instead.


 33.4615, 0.4324,
0.2890


 33.4615, 0.4324,
0.2890


317.7242, 0.3693,
0.3109


 22.4802, 0.4491,
0.2829


 65.0954, 0.4087,
0.2974

 14.2102, 0.4710,
0.2748


 86.5168, 0.4001,
0.3004

 8.2670, 0.5010,
0.2634


 112.1870, 0.3928,
0.3029

 4.2663, 0.5440,
0.2464

142.4904, 0.3867,
0.3050

 1.8236, 0.6098,
0.2191

177.8114, 0.3814,
0.3068

 0.5018, 0.7785,
0.1679

218.5345, 0.3768,


 0.0000, 1.0000,

0.3084


0.0000


265.0439, 0.3728,
0.3097

 0.0000, 0.0000,
0.0000


 33.4615, 0.4324,
0.2890


 33.4615, 0.4324,
0.2890


 28.2944, 0.4678,
0.2851


 40.2291, 0.4011,
0.2951


 24.5886, 0.5056,
0.2846


 48.7107, 0.3746,
0.3024

 22.1896, 0.5428,
0.2885

 59.0154, 0.3526,
0.3101

 20.9046, 0.5755,
0.2969

 71.2418, 0.3346,
0.3177

 20.5779, 0.5875,
0.3010

 85.4813, 0.3199,
0.3250

98.8774, 0.3090,
0.3290

Harmonies

Analogous

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



33.4615, 0.3448, 0.2389



33.4615, 0.4324, 0.2890



33.4615, 0.4831, 0.3491

Triad

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



33.4615, 0.4324, 0.2890



33.4615, 0.3473, 0.4936



33.4615, 0.1677, 0.2178

Complementary

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



33.4615, 0.4324, 0.2890



75.7126, 0.2590, 0.3776

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.



33.4615, 0.1677, 0.2712



33.4615, 0.4324, 0.2890



33.4615, 0.2649, 0.4528

Square

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



33.4615, 0.4324, 0.2890



33.4615, 0.4250, 0.4692



33.4615, 0.2002, 0.3596



33.4615, 0.1978, 0.1985

Rectangle

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



33.4615, 0.4324, 0.2890



33.4615, 0.4853, 0.3913



33.4615, 0.2002, 0.3596



33.4615, 0.1643, 0.2315

Sweetspot

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



33.4633, 0.4324, 0.2890



73.5438, 0.3366, 0.3168



31.6392, 0.2826, 0.1819



15.1607, 0.3400, 0.3153



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.



33.4633, 0.4324, 0.2890



29.2923, 0.4725, 0.2848



40.0571, 0.4614, 0.3605



17.3053, 0.3250, 0.3224



11.0370, 0.5834, 0.2987



1.0395, 0.5498, 0.2802

Inverse Universe

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



33.4633, 0.4324, 0.2890



29.2923, 0.4725, 0.2848



60.7539, 0.2344, 0.2916



17.3053, 0.3250, 0.3224



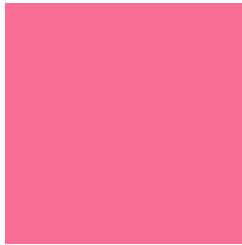
11.0370, 0.5834, 0.2987



1.0395, 0.5498, 0.2802

Previews

White Background



This preview shows how the Yxy color 33.4615, 0.4324, 0.2890 looks on a white background.

Color Contrast Check

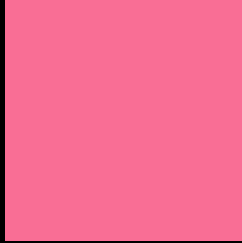
Large Text (above 18pt) WCAG AA × Fail

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 33.4615, 0.4324, 0.2890 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 33.4615, 0.4324, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 33.4615, 0.4324, 0.2890.



This preview shows how white text looks on a background with the Yxy color 33.4615, 0.4324, 0.2890.

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

33.4615, 0.4324, 0.2890

Protanopia

33.7421, 0.2941, 0.3012

Deuteranopia

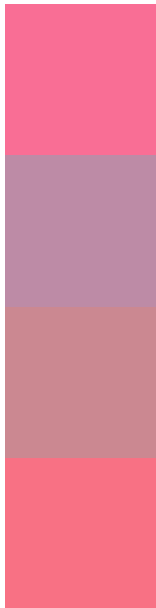
33.4333, 0.3486, 0.3420



Tritanopia

33.4657, 0.4613, 0.3212

Trichromacy



Original Color

33.4615, 0.4324, 0.2890

Protanomaly

32.0372, 0.3390, 0.2927

Deuteranomaly

32.3492, 0.3783, 0.3175

Tritanomaly

33.4327, 0.4520, 0.3098

Monochromacy



Original Color

33.4615, 0.4324, 0.2890

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.7123, 0.3541, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4615, 0.4324, 0.2890 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(249, 110, 149)` looks like.

```
.text, #text, p{  
    color:rgb(249, 110, 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(249, 110, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 110, 149) }
```

Border

The CSS property to change the border of an element to Yxy 33.4615, 0.4324, 0.2890 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(249, 110, 149) }
```

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

```
.border{ border-color:rgb(249, 110, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 110, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 110, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 110, 149);  
box-shadow:4px 4px 4px 4px rgb(249, 110,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4615, 0.4324, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 110, 149) }
```

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

```
.background{ background-color: rgb(249,  
110, 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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