

Converting Colors

$Y_{xy}(43.6425, 0.4759, 0.2942)$

Have a look what the booklet for
Yxy(43.6425, 0.4759, 0.2942)
contains.

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Color

Yxy(34.2195, 0.4366, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C97
RGB	255, 108, 151
RGB Percent	100%, 42%, 59%
CMY	0.0000, 0.5764, 0.4080
CMYK	0.00, 0.58, 0.41, 0.00
HSL	342°, 100%, 71%
HSV	342°, 58%, 100%
XYZ	52.1838, 34.2195, 33.1199
YIQ	156.8550, 73.8090, 44.5370

Conversions

Conversions Part 2

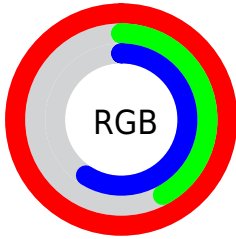
Format	Color
R _Y B	255, 108, 151
Decimal	16739479
CIE Lab	65.14, 59.69, 5.39
CIE LCh	65, 59.937, 5.155
Yxy	34.2195, 0.4366, 0.2863
Android (android.graphics.Color)	4294929559 (0xFFFF6C97)
YUV	156.8550, -2.8865, 86.0732
Hunter-Lab	58.4974, 56.8641, 7.3796

Details

The Yxy color **34.2195, 0.4366, 0.2863** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.4588, 0.2587, 0.3818**, and the grayscale version is **33.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2187, 0.3598, 0.2867**, and **14.6706, 0.4767, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **29.0632, 0.4720, 0.2827**, and if you desaturate by 10%, it is **41.0415, 0.4051, 0.2924**.

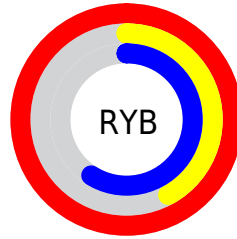
Distribution



Red (100%)

Green (42%)

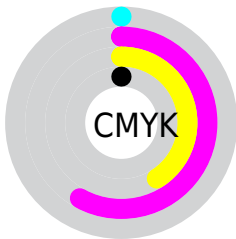
Blue (59%)



Red (100%)

Yellow (42%)

Blue (59%)

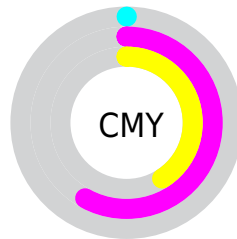


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2195, 0.4366, 0.2863 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 34.2195, 0.4366, 0.2863 by changing the saturation by 10% instead.


 34.2195, 0.4366,
0.2863


 34.2195, 0.4366,
0.2863

321.1097, 0.3716,
0.3095


 23.0623, 0.4537,
0.2799


 66.2749, 0.4123,
0.2952


 14.6395, 0.4760,
0.2714


 87.9418, 0.4034,
0.2984

 8.5668, 0.5064,
0.2596


 113.8807, 0.3959,
0.3010

 4.4597, 0.5497,
0.2422

 144.4761, 0.3896,
0.3033

 1.9339, 0.6152,
0.2146

180.1123, 0.3841,
0.3052

 0.5686, 0.7627,
0.1663

221.1737, 0.3794,

 0.0000, 1.0000,

0.3068

0.0000

268.0447, 0.3752,
0.3083

■ 0.0000, 0.0000,
0.0000

■ 34.2195, 0.4366,
0.2863

■ 34.2195, 0.4366,
0.2863

■ 29.0632, 0.4720,
0.2827

■ 41.0415, 0.4051,
0.2924

■ 25.4217, 0.5094,
0.2828

■ 49.6520, 0.3781,
0.2998

■ 23.1256, 0.5457,
0.2875

■ 60.1684, 0.3557,
0.3078

■ 21.9503, 0.5771,
0.2966

■ 72.6966, 0.3372,
0.3158

■ 21.7595, 0.5838,
0.2990

■ 87.3346, 0.3222,
0.3235

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



34.2195, 0.3446, 0.2350



34.2195, 0.4366, 0.2863



34.2195, 0.4901, 0.3479

Triad

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



34.2195, 0.4366, 0.2863



34.2195, 0.3489, 0.5014



34.2195, 0.1624, 0.2138

Complementary

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



34.2195, 0.4366, 0.2863



79.4588, 0.2587, 0.3818

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.



34.2195, 0.1627, 0.2692



34.2195, 0.4366, 0.2863



34.2195, 0.2635, 0.4603

Square

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



34.2195, 0.4366, 0.2863



34.2195, 0.4295, 0.4734



34.2195, 0.1963, 0.3621



34.2195, 0.1929, 0.1939

Rectangle

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



34.2195, 0.4366, 0.2863



34.2195, 0.4924, 0.3914



34.2195, 0.1963, 0.3621



34.2195, 0.1591, 0.2280

Sweetspot

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



34.2213, 0.4366, 0.2863



73.5713, 0.3362, 0.3163



31.7832, 0.2790, 0.1765



15.1671, 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.



34.2213, 0.4366, 0.2863



28.4835, 0.4770, 0.2825



40.3510, 0.4707, 0.3587



18.0744, 0.3248, 0.3221



11.3932, 0.5796, 0.2967



1.1274, 0.5476, 0.2790

Inverse Universe

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



34.2213, 0.4366, 0.2863



28.4835, 0.4770, 0.2825



64.5824, 0.2330, 0.2932



18.0744, 0.3248, 0.3221



11.3932, 0.5796, 0.2967



1.1274, 0.5476, 0.2790

Previews

White Background



This preview shows how the Yxy color 34.2195, 0.4366, 0.2863 looks on a white background.

Color Contrast Check

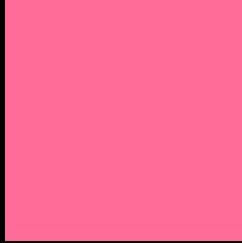
Large Text (above 18pt) WCAG AA × Fail

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 34.2195, 0.4366, 0.2863 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 34.2195, 0.4366, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 34.2195, 0.4366, 0.2863.



This preview shows how white text looks on a background with the Yxy color 34.2195, 0.4366, 0.2863.

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

34.2195, 0.4366, 0.2863

Protanopia

34.3778, 0.2909, 0.2958

Deuteranopia

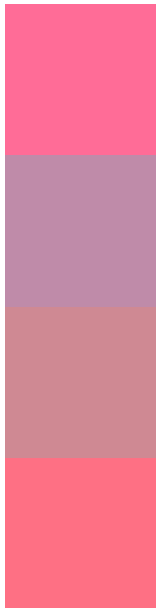
34.3798, 0.3482, 0.3418



Tritanopia

34.2978, 0.4699, 0.3225

Trichromacy



Original Color

34.2195, 0.4366, 0.2863

Protanomaly

32.4062, 0.3380, 0.2891

Deuteranomaly

33.2633, 0.3800, 0.3164

Tritanomaly

34.3251, 0.4582, 0.3094

Monochromacy



Original Color

34.2195, 0.4366, 0.2863

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.1693, 0.3552, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2195, 0.4366, 0.2863 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, 108, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 151)  
}
```

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, 108, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 151) }
```

Border

The CSS property to change the border of an element to Yxy 34.2195, 0.4366, 0.2863 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, 108, 151) }
```

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

```
.border{ border-color:rgb(255, 108, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2195, 0.4366, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 151) }
```

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

```
.background{ background-color: rgb(255,  
108, 151) }
```

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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