

Converting Colors

$Y_{xy}(35.3374, 0.4084, 0.2659)$

Have a look what the booklet for
Yxy(35.3374, 0.4084, 0.2659)
contains.

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Color

Yxy(35.4290, 0.4078, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	FF6EAD
RGB	255, 110, 173
RGB Percent	100%, 43%, 68%
CMY	0.0000, 0.5686, 0.3216
CMYK	0.00, 0.57, 0.32, 0.00
HSL	334°, 100%, 72%
HSV	334°, 57%, 100%
XYZ	54.3565, 35.4290, 43.5065
YIQ	160.5370, 66.1970, 50.3330

Conversions

Conversions Part 2

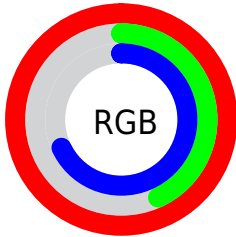
Format	Color
RYB	255, 110, 173
Decimal	16740013
CIELab	66.08, 61.23, -5.79
CIELCh	66, 61.499, 354.599
Yxy	35.4290, 0.4078, 0.2658
Android (android.graphics.Color)	4294930093 (0xFFFF6EAD)
YUV	160.5370, 6.1443, 82.8441
Hunter-Lab	59.5223, 58.8444, -1.6711

Details

The Yxy color **35.4290, 0.4078, 0.2658** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.6378, 0.2684, 0.4081**, and the grayscale version is **35.3653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4989, 0.3388, 0.2674**, and **15.3502, 0.4370, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **30.1682, 0.4346, 0.2587**, and if you desaturate by 10%, it is **42.3364, 0.3839, 0.2756**.

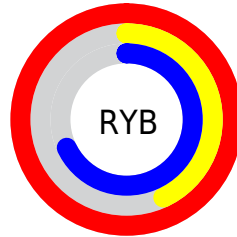
Distribution



Red (100%)

Green (43%)

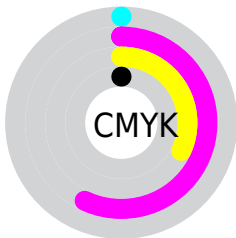
Blue (68%)



Red (100%)

Yellow (43%)

Blue (68%)

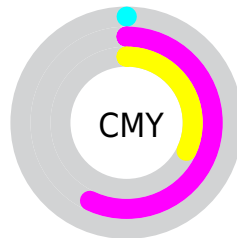


Cyan (0%)

Magenta (57%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4290, 0.4078, 0.2658 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 35.4290, 0.4078, 0.2658 by changing the saturation by 10% instead.

 35.4290, 0.4078,
0.2658


 35.4290, 0.4078,
0.2658


326.4579, 0.3589,
0.2977

 23.9935, 0.4204,
0.2578


 68.1498, 0.3898,
0.2774

 15.3288, 0.4367,
0.2476


 90.2040, 0.3831,
0.2818

 9.0505, 0.4586,
0.2340


 116.5665, 0.3774,
0.2854

 4.7741, 0.4896,
0.2153

147.6217, 0.3726,
0.2886

 2.1154, 0.5363,
0.1879

183.7540, 0.3685,
0.2913

 0.6732, 0.6149,
0.1423

225.3479, 0.3649,


 0.0000, 1.0000,


0.2937


0.0000

272.7877, 0.3617,
0.2958


 0.0000, 0.0000,
0.0000


 35.4290, 0.4078,
0.2658


 35.4290, 0.4078,
0.2658

 30.1682, 0.4346,
0.2587


 42.3364, 0.3839,
0.2756


 26.4066, 0.4633,
0.2557


 51.0100, 0.3634,
0.2868

 23.9798, 0.4924,
0.2578

 61.5645, 0.3460,
0.2986

 22.6776, 0.5200,
0.2654

 74.1036, 0.3316,
0.3104

 22.4014, 0.5283,
0.2684

 88.7229, 0.3196,
0.3216

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



35.4290, 0.3109, 0.2198



35.4290, 0.4078, 0.2658



35.4290, 0.4801, 0.3253

Triad

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



35.4290, 0.4078, 0.2658



35.4290, 0.3794, 0.5001



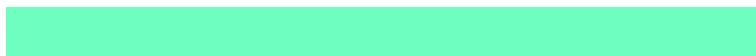
35.4290, 0.1573, 0.2275

Complementary

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



35.4290, 0.4078, 0.2658



78.6378, 0.2684, 0.4081

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.



35.4290, 0.1688, 0.2976



35.4290, 0.4078, 0.2658



35.4290, 0.2922, 0.4861

Square

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



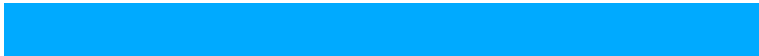
35.4290, 0.4078, 0.2658



35.4290, 0.4543, 0.4552



35.4290, 0.2152, 0.4003



35.4290, 0.1772, 0.1958

Rectangle

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



35.4290, 0.4078, 0.2658



35.4290, 0.4970, 0.3684



35.4290, 0.2152, 0.4003



35.4290, 0.1575, 0.2463

Sweetspot

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



35.4308, 0.4078, 0.2658



73.9125, 0.3317, 0.3102



29.2901, 0.2605, 0.1703



15.2473, 0.3344, 0.3079



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.



35.4308, 0.4078, 0.2658



29.6663, 0.4378, 0.2582



35.1690, 0.4827, 0.3365



18.1181, 0.3226, 0.3187



11.7346, 0.5242, 0.2661



1.1640, 0.4954, 0.2503

Inverse Universe

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



35.4308, 0.4078, 0.2658



29.6663, 0.4378, 0.2582



77.5131, 0.2396, 0.3203



18.1181, 0.3226, 0.3187



11.7346, 0.5242, 0.2661



1.1640, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 35.4290, 0.4078, 0.2658 looks on a white background.

Color Contrast Check

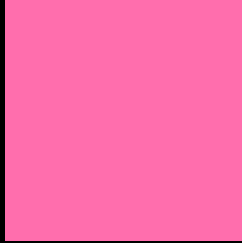
Large Text (above 18pt) WCAG AA × Fail

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 35.4290, 0.4078, 0.2658 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 35.4290, 0.4078, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 35.4290, 0.4078, 0.2658.



This preview shows how white text looks on a background with the Yxy color 35.4290, 0.4078, 0.2658.

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

35.4290, 0.4078, 0.2658

Protanopia

35.5936, 0.2670, 0.2653

Deuteranopia

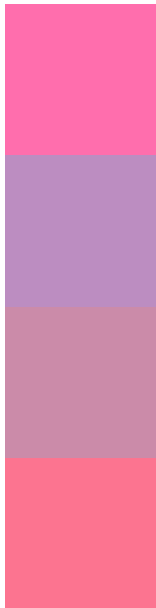
35.5288, 0.3212, 0.3150



Tritanopia

35.2614, 0.4566, 0.3202

Trichromacy



Original Color

35.4290, 0.4078, 0.2658

Protanomaly

33.5914, 0.3109, 0.2618

Deuteranomaly

34.0263, 0.3506, 0.2908

Tritanomaly

35.1998, 0.4392, 0.3006

Monochromacy



Original Color

35.4290, 0.4078, 0.2658

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

33.6647, 0.3459, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4290, 0.4078, 0.2658 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, 110, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 173)  
}
```

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, 110, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 173) }
```

Border

The CSS property to change the border of an element to Yxy 35.4290, 0.4078, 0.2658 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, 110, 173) }
```

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

```
.border{ border-color:rgb(255, 110, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4290, 0.4078, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 173) }
```

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

```
.background{ background-color: rgb(255,  
110, 173) }
```

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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