

Converting Colors

$Y_{xy}(35.3521, 0.4103, 0.2678)$

Have a look what the booklet for
Yxy(35.3521, 0.4103, 0.2678)
contains.

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Color

Yxy(35.3521, 0.4103, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	FF6EAB
RGB	255, 110, 171
RGB Percent	100%, 43%, 67%
CMY	0.0000, 0.5686, 0.3294
CMYK	0.00, 0.57, 0.33, 0.00
HSL	335°, 100%, 72%
HSV	335°, 57%, 100%
XYZ	54.1634, 35.3521, 42.4938
YIQ	160.3090, 66.8390, 49.7110

Conversions

Conversions Part 2

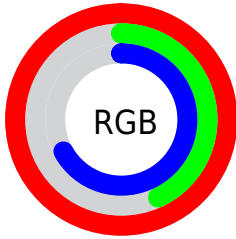
Format	Color
R_{YB}	255, 110, 171
Decimal	16740011
CIE _{Lab}	66.02, 60.99, -4.74
CIE _{LCh}	66, 61.174, 355.556
Yxy	35.3521, 0.4103, 0.2678
Android (android.graphics.Color)	4294930091 (0xFFFF6EAB)
YUV	160.3090, 5.2707, 83.0440
Hunter-Lab	59.4576, 58.5552, -0.7537

Details

The Yxy color **35.3521, 0.4103, 0.2678** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **78.7256, 0.2675, 0.4055**, and the grayscale version is **35.2585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3884, 0.3405, 0.2693**, and **15.3900, 0.4404, 0.2504** is the 20% darker color. If you saturate the color by 10%, you get **30.0874, 0.4379, 0.2611**, and if you desaturate by 10%, it is **42.2660, 0.3857, 0.2772**.

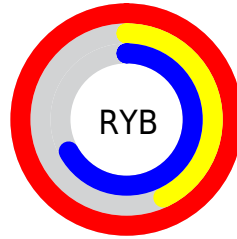
Distribution



Red (100%)

Green (43%)

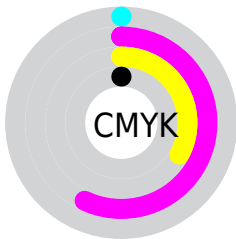
Blue (67%)



Red (100%)

Yellow (43%)

Blue (67%)

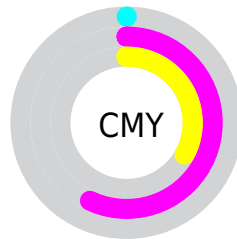


Cyan (0%)

Magenta (57%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3521, 0.4103, 0.2678 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 35.3521, 0.4103, 0.2678 by changing the saturation by 10% instead.


 35.3521, 0.4103,
0.2678


 35.3521, 0.4103,
0.2678


326.1198, 0.3600,
0.2988

 23.9342, 0.4233,
0.2600


 68.0309, 0.3917,
0.2791

 15.2848, 0.4401,
0.2499


 90.0606, 0.3848,
0.2834

 9.0195, 0.4628,
0.2366


 116.3963, 0.3790,
0.2869

 4.7539, 0.4949,
0.2180

147.4225, 0.3741,
0.2900

 2.1036, 0.5434,
0.1907

183.5236, 0.3698,
0.2926

 0.6667, 0.6253,
0.1447

225.0839, 0.3661,


 0.0000, 1.0000,


0.2950

0.0000

272.4878, 0.3629,
0.2970

 0.0000, 0.0000,
0.0000


 35.3521, 0.4103,
0.2678


 35.3521, 0.4103,
0.2678


 30.0874, 0.4379,
0.2611

 42.2660, 0.3857,
0.2772

 26.3245, 0.4675,
0.2583


 50.9490, 0.3646,
0.2881

 23.8988, 0.4974,
0.2607

 61.5159, 0.3468,
0.2996

 22.5999, 0.5256,
0.2685

 74.0703, 0.3320,
0.3109

 22.3250, 0.5341,
0.2716

 88.7083, 0.3198,
0.3219

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



35.3521, 0.3139, 0.2214



35.3521, 0.4103, 0.2678



35.3521, 0.4808, 0.3274

Triad

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



35.3521, 0.4103, 0.2678



35.3521, 0.3766, 0.5000



35.3521, 0.1580, 0.2264

Complementary

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



35.3521, 0.4103, 0.2678



78.7256, 0.2675, 0.4055

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.



35.3521, 0.1685, 0.2949



35.3521, 0.4103, 0.2678



35.3521, 0.2896, 0.4835

Square

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



35.3521, 0.4103, 0.2678



35.3521, 0.4518, 0.4567



35.3521, 0.2136, 0.3966



35.3521, 0.1788, 0.1959

Rectangle

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



35.3521, 0.4103, 0.2678



35.3521, 0.4963, 0.3705



35.3521, 0.2136, 0.3966



35.3521, 0.1579, 0.2447

Sweetspot

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



35.3539, 0.4103, 0.2678



73.8788, 0.3322, 0.3108



29.6036, 0.2626, 0.1712



15.2393, 0.3349, 0.3085



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.



35.3539, 0.4103, 0.2678



29.5853, 0.4412, 0.2605



35.7411, 0.4811, 0.3389



18.1138, 0.3228, 0.3190



11.6945, 0.5299, 0.2693



1.1599, 0.5006, 0.2531

Inverse Universe

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



35.3539, 0.4103, 0.2678



29.5853, 0.4412, 0.2605



76.0374, 0.2389, 0.3174



18.1138, 0.3228, 0.3190



11.6945, 0.5299, 0.2693



1.1599, 0.5006, 0.2531

Previews

White Background



This preview shows how the Yxy color 35.3521, 0.4103, 0.2678 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 35.3521, 0.4103, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

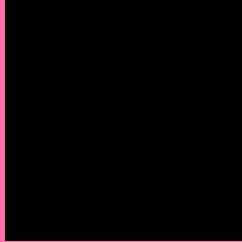
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3521, 0.4103, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 35.3521, 0.4103, 0.2678.



This preview shows how white text looks on a background with the Yxy color 35.3521, 0.4103, 0.2678.

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

35.3521, 0.4103, 0.2678

Protanopia

35.5921, 0.2692, 0.2679

Deuteranopia

35.5712, 0.3241, 0.3178



Tritanopia

35.2352, 0.4578, 0.3213

Trichromacy



Original Color

35.3521, 0.4103, 0.2678

Protanomaly

33.5027, 0.3127, 0.2641

Deuteranomaly

34.0926, 0.3539, 0.2935

Tritanomaly

35.1694, 0.4404, 0.3017

Monochromacy



Original Color

35.3521, 0.4103, 0.2678

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.6284, 0.3469, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3521, 0.4103, 0.2678 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.3521, 0.4103, 0.2678 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, 171) }
```

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

```
.border{ border-color:rgb(255, 110, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3521, 0.4103, 0.2678 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
110, 171) }
```

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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