

Converting Colors

$Y_{xy}(34.8156, 0.4241, 0.2780)$

Have a look what the booklet for
Yxy(34.8156, 0.4241, 0.2780)
contains.

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Color

Yxy(34.7353, 0.4246, 0.2780)

Conversions

Conversions Part 1

Format	Color
Hex	FF6DA0
RGB	255, 109, 160
RGB Percent	100%, 43%, 63%
CMY	0.0000, 0.5725, 0.3726
CMYK	0.00, 0.57, 0.37, 0.00
HSL	339°, 100%, 71%
HSV	339°, 57%, 100%
XYZ	53.0525, 34.7353, 37.1593
YIQ	158.4680, 70.6450, 46.8130

Conversions

Conversions Part 2

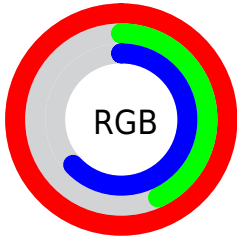
Format	Color
R_{YB}	255, 109, 160
Decimal	16739744
CIE _{Lab}	65.54, 60.21, 0.82
CIE _{LCh}	66, 60.211, 0.785
Yxy	34.7353, 0.4246, 0.2780
Android (android.graphics.Color)	4294929824 (0xFFFF6DA0)
YUV	158.4680, 0.7553, 84.6586
Hunter-Lab	58.9367, 57.5398, 3.8736

Details

The Yxy color **34.7353, 0.4246, 0.2780** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.1323, 0.2626, 0.3923**, and the grayscale version is **34.3897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4387, 0.3503, 0.2788**, and **14.9411, 0.4587, 0.2616** is the 20% darker color. If you saturate the color by 10%, you get **29.5199, 0.4565, 0.2730**, and if you desaturate by 10%, it is **41.6094, 0.3962, 0.2856**.

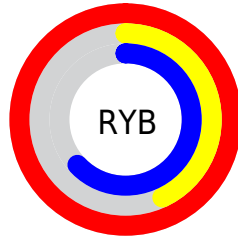
Distribution



Red (100%)

Green (43%)

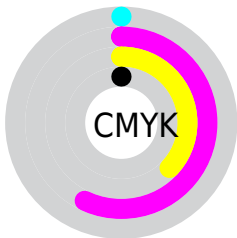
Blue (63%)



Red (100%)

Yellow (43%)

Blue (63%)

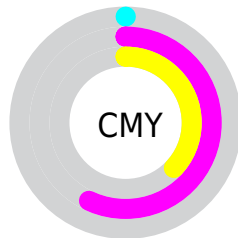


Cyan (0%)

Magenta (57%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7353, 0.4246, 0.2780 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 34.7353, 0.4246, 0.2780 by changing the saturation by 10% instead.


 34.7353, 0.4246,
0.2780


 34.7353, 0.4246,
0.2780


323.3984, 0.3663,
0.3047


 23.4590, 0.4398,
0.2710


 67.0755, 0.4029,
0.2880

 14.9328, 0.4597,
0.2618


 88.9082, 0.3949,
0.2916

 8.7723, 0.4866,
0.2494


 115.0286, 0.3882,
0.2947

 4.5929, 0.5250,
0.2315

145.8210, 0.3825,
0.2973

 2.0105, 0.5832,
0.2043

181.6697, 0.3776,
0.2995

 0.6135, 0.6902,
0.1553


222.9593, 0.3733,


 0.0000, 1.0000,


0.3015


0.0000


270.0741, 0.3696,
0.3032


 0.0000, 0.0000,
0.0000


 34.7353, 0.4246,
0.2780

 34.7353, 0.4246,
0.2780


 29.5199, 0.4565,
0.2730


 41.6094, 0.3962,
0.2856


 25.8141, 0.4906,
0.2720


 50.2635, 0.3719,
0.2946


 23.4507, 0.5245,
0.2758

 60.8139, 0.3516,
0.3041

 22.2131, 0.5551,
0.2847

 73.3652, 0.3348,
0.3136

 21.9818, 0.5630,
0.2875

 88.0144, 0.3211,
0.3227

99.9999, 0.3127,
0.3290

Harmonies

Analogous

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



34.7353, 0.3305, 0.2289



34.7353, 0.4246, 0.2780



34.7353, 0.4859, 0.3386

Triad

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



34.7353, 0.4246, 0.2780



34.7353, 0.3615, 0.5008



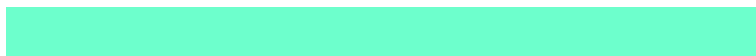
34.7353, 0.1606, 0.2196

Complementary

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



34.7353, 0.4246, 0.2780



79.1323, 0.2626, 0.3923

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.



34.7353, 0.1655, 0.2807



34.7353, 0.4246, 0.2780



34.7353, 0.2753, 0.4709

Square

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



34.7353, 0.4246, 0.2780



34.7353, 0.4395, 0.4657



34.7353, 0.2042, 0.3775



34.7353, 0.1866, 0.1950

Rectangle

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



34.7353, 0.4246, 0.2780



34.7353, 0.4941, 0.3819



34.7353, 0.2042, 0.3775



34.7353, 0.1587, 0.2355

Sweetspot

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



34.7371, 0.4246, 0.2780



73.7064, 0.3344, 0.3139



30.9834, 0.2728, 0.1746



15.1988, 0.3375, 0.3120



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.



34.7371, 0.4246, 0.2780



28.7670, 0.4624, 0.2725



38.5725, 0.4743, 0.3511



18.0918, 0.3239, 0.3207



11.5114, 0.5586, 0.2851



1.1406, 0.5271, 0.2677

Inverse Universe

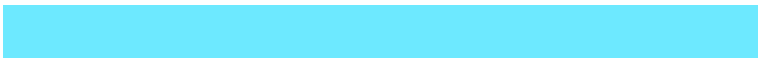
The Inverse Universe completely reimagines the original color for something new.



34.7371, 0.4246, 0.2780



28.7670, 0.4624, 0.2725



68.8070, 0.2354, 0.3026



18.0918, 0.3239, 0.3207



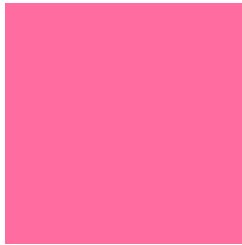
11.5114, 0.5586, 0.2851



1.1406, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 34.7353, 0.4246, 0.2780 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 34.7353, 0.4246, 0.2780 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 34.7353, 0.4246, 0.2780

Background



This preview shows how black text looks on a background with the Yxy color 34.7353, 0.4246, 0.2780.



This preview shows how white text looks on a background with the Yxy color 34.7353, 0.4246, 0.2780.

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

34.7353, 0.4246, 0.2780

Protanopia

34.9437, 0.2812, 0.2836

Deuteranopia

34.7582, 0.3369, 0.3305



Tritanopia

34.6415, 0.4641, 0.3214

Trichromacy



Original Color

34.7353, 0.4246, 0.2780



Protanomaly

32.9580, 0.3265, 0.2777



Deuteranomaly

33.5564, 0.3673, 0.3061



Tritanomaly

34.4990, 0.4504, 0.3051

Monochromacy



Original Color

34.7353, 0.4246, 0.2780



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.5968, 0.3506, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7353, 0.4246, 0.2780 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, 109, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 160)  
}
```

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, 109, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.7353, 0.4246, 0.2780 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, 109, 160) }
```

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

```
.border{ border-color:rgb(255, 109, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7353, 0.4246, 0.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 160) }
```

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

```
.background{ background-color: rgb(255,  
109, 160) }
```

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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