

Converting Colors

$Y_{xy}(33.1933, 0.4303, 0.2755)$

Have a look what the booklet for
Yxy(33.1933, 0.4303, 0.2755)
contains.

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Color

Yxy(33.2056, 0.4296, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	FE679D
RGB	254, 103, 157
RGB Percent	100%, 40%, 62%
CMY	0.0041, 0.5959, 0.3844
CMYK	0.00, 0.59, 0.38, 0.00
HSL	339°, 99%, 70%
HSV	339°, 59%, 100%
XYZ	51.7978, 33.2056, 35.5688
YIQ	154.3050, 72.6620, 48.8060

Conversions

Conversions Part 2

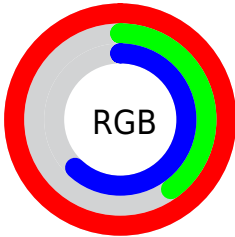
Format	Color
R_{YB}	254, 103, 157
Decimal	16672669
CIE _{Lab}	64.33, 62.17, 0.75
CIE _{LCh}	64, 62.175, 0.694
Yxy	33.2056, 0.4296, 0.2754
Android (android.graphics.Color)	4294862749 (0xFFFE679D)
YUV	154.3050, 1.3286, 87.4325
Hunter-Lab	57.6243, 59.6091, 3.7400

Details

The Yxy color **33.2056, 0.4296, 0.2754** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.9182, 0.2621, 0.3968**, and the grayscale version is **32.4318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1048, 0.3550, 0.2767**, and **14.0340, 0.4668, 0.2577** is the 20% darker color. If you saturate the color by 10%, you get **28.3761, 0.4617, 0.2710**, and if you desaturate by 10%, it is **39.6469, 0.4008, 0.2827**.

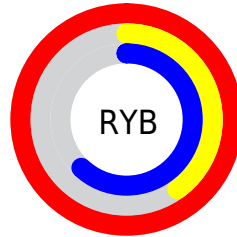
Distribution



Red (100%)

Green (40%)

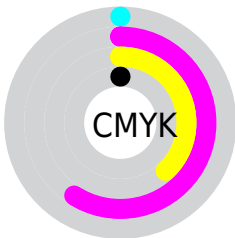
Blue (62%)



Red (100%)

Yellow (40%)

Blue (62%)

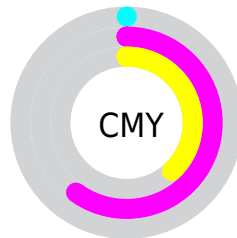


Cyan (0%)

Magenta (59%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2056, 0.4296, 0.2754 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 33.2056, 0.4296, 0.2754 by changing the saturation by 10% instead.

 33.2056, 0.4296,
0.2754


 33.2056, 0.4296,
0.2754


316.5752, 0.3683,
0.3036

 22.2840, 0.4457,
0.2679


 64.6964, 0.4067,
0.2860


 14.0657, 0.4668,
0.2582


 86.0344, 0.3983,
0.2898

 8.1664, 0.4955,
0.2448


 111.6132, 0.3912,
0.2931

 4.2016, 0.5366,
0.2256

 141.8174, 0.3853,
0.2958

 1.7870, 0.5992,
0.1962

177.0313, 0.3801,
0.2982

 0.4790, 0.7294,
0.1367

217.6393, 0.3757,

 0.0000, 1.0000,

0.3003

0.0000

264.0258, 0.3718,
0.3020

0.0000, 0.0000,
0.0000

33.2056, 0.4296,
0.2754

33.2056, 0.4296,
0.2754

28.3761, 0.4617,
0.2710

39.6469, 0.4008,
0.2827

25.0065, 0.4954,
0.2707

47.8232, 0.3760,
0.2917

22.9244, 0.5284,
0.2756

57.8520, 0.3551,
0.3014

21.8631, 0.5581,
0.2851

69.8386, 0.3378,
0.3112

21.8152, 0.5597,
0.2857

83.8806, 0.3237,
0.3206

99.7977, 0.3121,
0.3291

99.8039, 0.3121,
0.3290

Harmonies

Analogous

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



33.2056, 0.3307, 0.2249



33.2056, 0.4296, 0.2754



33.2056, 0.4938, 0.3377

Triad

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



33.2056, 0.4296, 0.2754



33.2056, 0.3626, 0.5091



33.2056, 0.1549, 0.2148

Complementary

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



33.2056, 0.4296, 0.2754



77.9182, 0.2621, 0.3968

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.



33.2056, 0.1598, 0.2780



33.2056, 0.4296, 0.2754



33.2056, 0.2732, 0.4791

Square

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



33.2056, 0.4296, 0.2754



33.2056, 0.4441, 0.4703



33.2056, 0.1995, 0.3800



33.2056, 0.1816, 0.1898

Rectangle

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



33.2056, 0.4296, 0.2754



33.2056, 0.5020, 0.3823



33.2056, 0.1995, 0.3800



33.2056, 0.1530, 0.2312

Sweetspot

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



33.2074, 0.4296, 0.2754



72.3738, 0.3356, 0.3125



28.9543, 0.2685, 0.1683



14.6741, 0.3402, 0.3097



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.



33.2074, 0.4296, 0.2754



28.0049, 0.4670, 0.2706



36.2520, 0.4854, 0.3491



18.0943, 0.3238, 0.3205



11.5304, 0.5555, 0.2834



1.1426, 0.5241, 0.2661

Inverse Universe

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



33.2074, 0.4296, 0.2754



28.0049, 0.4670, 0.2706



68.7950, 0.2340, 0.3046



18.0943, 0.3238, 0.3205



11.5304, 0.5555, 0.2834



1.1426, 0.5241, 0.2661

Previews

White Background



This preview shows how the Yxy color 33.2056, 0.4296, 0.2754 looks on a white background.

Color Contrast Check

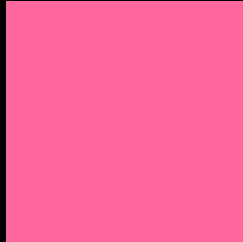
Large Text (above 18pt) WCAG AA × Fail

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 33.2056, 0.4296, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

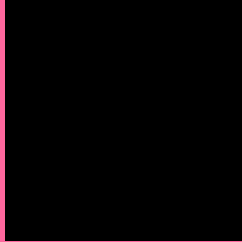
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2056, 0.4296, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 33.2056, 0.4296, 0.2754.



This preview shows how white text looks on a background with the Yxy color 33.2056, 0.4296, 0.2754.

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

33.2056, 0.4296, 0.2754

Protanopia

33.5064, 0.2783, 0.2800

Deuteranopia

33.3339, 0.3374, 0.3305



Tritanopia

33.1861, 0.4736, 0.3225

Trichromacy



Original Color

33.2056, 0.4296, 0.2754

Protanomaly

31.3474, 0.3259, 0.2743

Deuteranomaly

32.0466, 0.3697, 0.3046

Tritanomaly

33.0865, 0.4584, 0.3053

Monochromacy



Original Color

33.2056, 0.4296, 0.2754

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.6417, 0.3529, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2056, 0.4296, 0.2754 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(254, 103, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 157)  
}
```

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(254, 103, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 157) }
```

Border

The CSS property to change the border of an element to Yxy 33.2056, 0.4296, 0.2754 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(254, 103, 157) }
```

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

```
.border{ border-color:rgb(254, 103, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2056, 0.4296, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 157) }
```

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

```
.background{ background-color: rgb(254,  
103, 157) }
```

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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