

Converting Colors

Yxy(33.1631, 0.4278, 0.2897)

Have a look what the booklet for
Yxy(33.1631, 0.4278, 0.2897)
contains.

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Color

Yxy(33.1707, 0.4276, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	F57095
RGB	245, 112, 149
RGB Percent	96%, 44%, 58%
CMY	0.0392, 0.5608, 0.4157
CMYK	0.00, 0.54, 0.39, 0.04
HSL	343°, 87%, 70%
HSV	343°, 54%, 96%
XYZ	48.8759, 33.1707, 32.2563
YIQ	155.9850, 67.3910, 39.7030

Conversions

Conversions Part 2

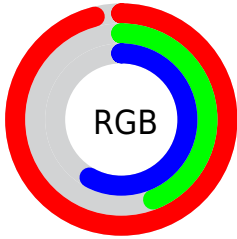
Format	Color
RYB	245, 112, 149
Decimal	16085141
CIELab	64.30, 54.46, 5.12
CIELCh	64, 54.704, 5.371
Yxy	33.1707, 0.4276, 0.2902
Android (android.graphics.Color)	4294275221 (0xFFFF57095)
YUV	155.9850, -3.4436, 78.0662
Hunter-Lab	57.5940, 50.6907, 7.1097

Details

The Yxy color **33.1707, 0.4276, 0.2902** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.3080, 0.2599, 0.3756**, and the grayscale version is **33.2326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5771, 0.3609, 0.2928**, and **14.0435, 0.4643, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **27.9587, 0.4625, 0.2859**, and if you desaturate by 10%, it is **39.9425, 0.3970, 0.2965**.

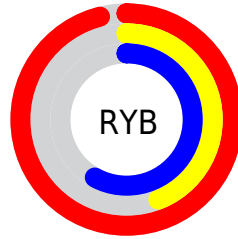
Distribution



Red (96%)

Green (44%)

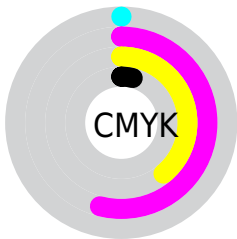
Blue (58%)



Red (96%)

Yellow (44%)

Blue (58%)

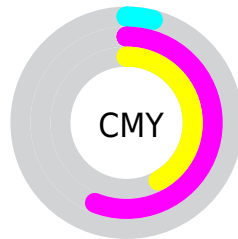


Cyan (0%)

Magenta (54%)

Yellow (39%)

Black (4%)



Cyan (4%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1707, 0.4276, 0.2902 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 33.1707, 0.4276, 0.2902 by changing the saturation by 10% instead.


 33.1707, 0.4276,
0.2902


 33.1707, 0.4276,
0.2902


316.4182, 0.3669,
0.3114

 22.2572, 0.4437,
0.2843


 64.6419, 0.4048,
0.2983

 14.0460, 0.4649,
0.2764


 85.9685, 0.3965,
0.3013

 8.1527, 0.4940,
0.2653


 111.5349, 0.3895,
0.3037

 4.1928, 0.5359,
0.2488

141.7256, 0.3836,
0.3057

 1.7820, 0.6005,
0.2221

176.9248, 0.3785,
0.3075

 0.4759, 0.7737,
0.1693

217.5171, 0.3741,

 0.0000, 1.0000,

0.3090

0.0000

263.8867, 0.3703,
0.3103

■ 0.0000, 0.0000,
0.0000

■ 33.1707, 0.4276,
0.2902

■ 33.1707, 0.4276,
0.2902

■ 27.9587, 0.4625,
0.2859

■ 39.9425, 0.3970,
0.2965

■ 24.1750, 0.5002,
0.2849

■ 48.3812, 0.3711,
0.3038

■ 21.6753, 0.5379,
0.2880


■ 58.5903, 0.3497,
0.3114

■ 20.2811, 0.5716,
0.2957

■ 70.6634, 0.3322,
0.3190

■ 19.8324, 0.5881,
0.3013

■ 84.6877, 0.3180,
0.3261

 98.1534, 0.3066,
0.3290

Harmonies

Analogous

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



33.1707, 0.3433, 0.2414



33.1707, 0.4276, 0.2902



33.1707, 0.4769, 0.3488

Triad

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



33.1707, 0.4276, 0.2902



33.1707, 0.3474, 0.4874



33.1707, 0.1718, 0.2218

Complementary

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



33.1707, 0.4276, 0.2902



73.3080, 0.2599, 0.3756

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.



33.1707, 0.1722, 0.2741



33.1707, 0.4276, 0.2902



33.1707, 0.2675, 0.4481

Square

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



33.1707, 0.4276, 0.2902



33.1707, 0.4224, 0.4647



33.1707, 0.2044, 0.3593



33.1707, 0.2011, 0.2025

Rectangle

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



33.1707, 0.4276, 0.2902



33.1707, 0.4796, 0.3899



33.1707, 0.2044, 0.3593



33.1707, 0.1686, 0.2353

Sweetspot

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



33.1724, 0.4276, 0.2902



74.9205, 0.3350, 0.3177



31.4940, 0.2837, 0.1858



15.4319, 0.3384, 0.3161



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.



33.1724, 0.4276, 0.2902



30.2054, 0.4657, 0.2857



39.5805, 0.4553, 0.3598



16.5583, 0.3250, 0.3224



10.7037, 0.5840, 0.2991



0.9575, 0.5486, 0.2796

Inverse Universe

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



33.1724, 0.4276, 0.2902



30.2054, 0.4657, 0.2857



59.2463, 0.2361, 0.2928



16.5583, 0.3250, 0.3224



10.7037, 0.5840, 0.2991



0.9575, 0.5486, 0.2796

Previews

White Background



This preview shows how the Yxy color 33.1707, 0.4276, 0.2902 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 33.1707, 0.4276, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

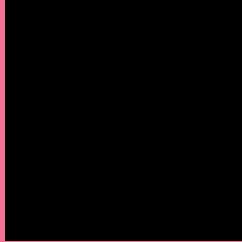
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1707, 0.4276, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 33.1707, 0.4276, 0.2902.



This preview shows how white text looks on a background with the Yxy color 33.1707, 0.4276, 0.2902.

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

33.1707, 0.4276, 0.2902

Protanopia

33.3687, 0.2950, 0.3011

Deuteranopia

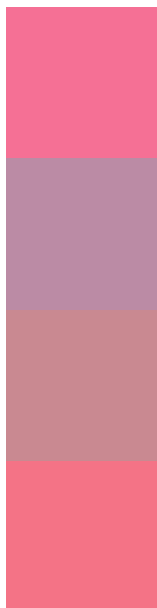
33.3465, 0.3465, 0.3406



Tritanopia

33.2579, 0.4538, 0.3209

Trichromacy



Original Color

33.1707, 0.4276, 0.2902

Protanomaly

31.7466, 0.3379, 0.2938

Deuteranomaly

32.3532, 0.3757, 0.3187

Tritanomaly

33.2158, 0.4445, 0.3093

Monochromacy



Original Color

33.1707, 0.4276, 0.2902

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.7474, 0.3517, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1707, 0.4276, 0.2902 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(245, 112, 149)` looks like.

```
.text, #text, p{  
    color:rgb(245, 112, 149)  
}
```

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(245, 112, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 112, 149) }
```

Border

The CSS property to change the border of an element to Yxy 33.1707, 0.4276, 0.2902 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(245, 112, 149) }
```

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

```
.border{ border-color:rgb(245, 112, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 112, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 112, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 112, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 112,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1707, 0.4276, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 112, 149) }
```

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

```
.background{ background-color: rgb(245,  
112, 149) }
```

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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