

Converting Colors

Yxy(33.0498, 0.4165, 0.2799)

Have a look what the booklet for
Yxy(33.0498, 0.4165, 0.2799)
contains.

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Color

Yxy(33.0363, 0.4166, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	F46F9D
RGB	244, 111, 157
RGB Percent	96%, 44%, 62%
CMY	0.0431, 0.5647, 0.3842
CMYK	0.00, 0.55, 0.36, 0.04
HSL	339°, 86%, 70%
HSV	339°, 55%, 96%
XYZ	49.0832, 33.0363, 35.6990
YIQ	156.0110, 64.5020, 42.5020

Conversions

Conversions Part 2

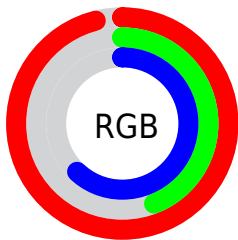
Format	Color
R_{YB}	244, 111, 157
Decimal	16019357
CIE _{Lab}	64.19, 55.50, 0.35
CIE _{LCh}	64, 55.498, 0.361
Yxy	33.0363, 0.4166, 0.2804
Android (android.graphics.Color)	4294209437 (0xFFFF46F9D)
YUV	156.0110, 0.4876, 77.1664
Hunter-Lab	57.4772, 51.8465, 3.4091

Details

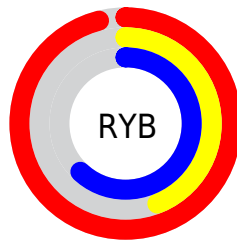
The Yxy color **33.0363, 0.4166, 0.2804** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.1639, 0.2640, 0.3879**, and the grayscale version is **33.2277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6006, 0.3538, 0.2838**, and **13.9633, 0.4497, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **27.9110, 0.4477, 0.2746**, and if you desaturate by 10%, it is **39.6901, 0.3893, 0.2884**.

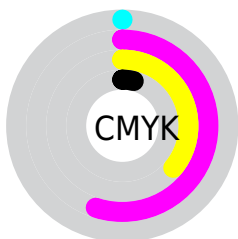
Distribution



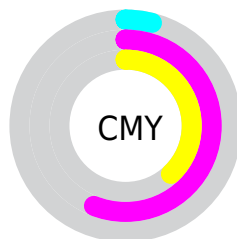
- Red (96%)
- Green (44%)
- Blue (62%)



- Red (96%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (4%)




- Cyan (4%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0363, 0.4166, 0.2804 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 33.0363, 0.4166, 0.2804 by changing the saturation by 10% instead.


 33.0363, 0.4166,
0.2804


 33.0363, 0.4166,
0.2804


315.8133, 0.3620,
0.3060


 22.1543, 0.4310,
0.2736


 64.4322, 0.3961,
0.2900

 13.9703, 0.4500,
0.2647


 85.7148, 0.3886,
0.2935

 8.1000, 0.4760,
0.2524


 111.2331, 0.3824,
0.2965

 4.1590, 0.5135,
0.2347

141.3715, 0.3771,
0.2990

 1.7629, 0.5717,
0.2072

176.5143, 0.3725,
0.3011

 0.4639, 0.6998,
0.1475

217.0459, 0.3685,

 0.0000, 1.0000,

0.3029


0.0000

263.3508, 0.3651,
0.3046


 0.0000, 0.0000,
0.0000

 33.0363, 0.4166,
0.2804


 33.0363, 0.4166,
0.2804

 27.9110, 0.4477,
0.2746


 39.6901, 0.3893,
0.2884

 24.1849, 0.4815,
0.2724

 47.9778, 0.3660,
0.2975


 21.7155, 0.5158,
0.2748


 58.0012, 0.3467,
0.3070

 20.3269, 0.5477,
0.2822

 69.8522, 0.3308,
0.3163

 19.8822, 0.5636,
0.2878

 83.6164, 0.3178,
0.3252

 97.8323, 0.3072,
0.3312

 97.9752, 0.3060,
0.3290

Harmonies

Analogous

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



33.0363, 0.3285, 0.2336



33.0363, 0.4166, 0.2804



33.0363, 0.4748, 0.3385

Triad

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



33.0363, 0.4166, 0.2804



33.0363, 0.3612, 0.4899



33.0363, 0.1680, 0.2266

Complementary

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



33.0363, 0.4166, 0.2804



72.1639, 0.2640, 0.3879

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.



33.0363, 0.1735, 0.2855



33.0363, 0.4166, 0.2804



33.0363, 0.2795, 0.4617

Square

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



33.0363, 0.4166, 0.2804



33.0363, 0.4344, 0.4585



33.0363, 0.2114, 0.3760



33.0363, 0.1926, 0.2020

Rectangle

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



33.0363, 0.4166, 0.2804



33.0363, 0.4837, 0.3799



33.0363, 0.2114, 0.3760



33.0363, 0.1664, 0.2421

Sweetspot

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



33.0380, 0.4166, 0.2804



75.0736, 0.3330, 0.3149



29.8319, 0.2754, 0.1819



15.4681, 0.3361, 0.3130



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.



33.0380, 0.4166, 0.2804



30.5407, 0.4498, 0.2744



36.6011, 0.4623, 0.3504



16.5772, 0.3239, 0.3208



10.8328, 0.5594, 0.2855



0.9707, 0.5245, 0.2663

Inverse Universe

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



33.0380, 0.4166, 0.2804



30.5407, 0.4498, 0.2744



63.2546, 0.2382, 0.3041



16.5772, 0.3239, 0.3208



10.8328, 0.5594, 0.2855



0.9707, 0.5245, 0.2663

Previews

White Background



This preview shows how the Yxy color 33.0363, 0.4166, 0.2804 looks on a white background.

Color Contrast Check

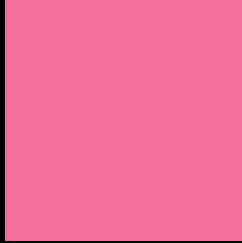
Large Text (above 18pt) WCAG AA × Fail

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 33.0363, 0.4166, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

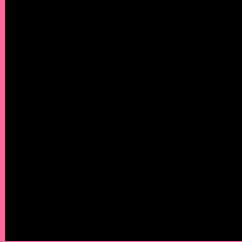
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0363, 0.4166, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 33.0363, 0.4166, 0.2804.



This preview shows how white text looks on a background with the Yxy color 33.0363, 0.4166, 0.2804.

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

33.0363, 0.4166, 0.2804

Protanopia

33.3874, 0.2831, 0.2868

Deuteranopia

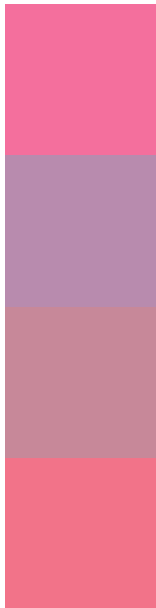
33.2518, 0.3353, 0.3291



Tritanopia

32.9040, 0.4518, 0.3208

Trichromacy



Original Color

33.0363, 0.4166, 0.2804

Protanomaly

31.7116, 0.3254, 0.2817

Deuteranomaly

32.0503, 0.3648, 0.3068

Tritanomaly

32.9449, 0.4387, 0.3058

Monochromacy



Original Color

33.0363, 0.4166, 0.2804

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.8478, 0.3484, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0363, 0.4166, 0.2804 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(244, 111, 157)` looks like.

```
.text, #text, p{  
    color:rgb(244, 111, 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(244, 111, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 111, 157) }
```

Border

The CSS property to change the border of an element to Yxy 33.0363, 0.4166, 0.2804 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(244, 111, 157) }
```

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

```
.border{ border-color:rgb(244, 111, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 111, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 111, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 111, 157);  
box-shadow:4px 4px 4px 4px rgb(244, 111,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0363, 0.4166, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 111, 157) }
```

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

```
.background{ background-color: rgb(244,  
111, 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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