

Converting Colors

$Yxy(33.2287, 0.4251, 0.2862)$

Have a look what the booklet for
Yxy(33.2287, 0.4251, 0.2862)
contains.

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Color

Yxy(33.2287, 0.4251, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	F66F98
RGB	246, 111, 152
RGB Percent	96%, 44%, 60%
CMY	0.0353, 0.5646, 0.4039
CMYK	0.00, 0.55, 0.38, 0.04
HSL	342°, 88%, 70%
HSV	342°, 55%, 96%
XYZ	49.3554, 33.2287, 33.5190
YIQ	156.0390, 67.2990, 41.3710

Conversions

Conversions Part 2

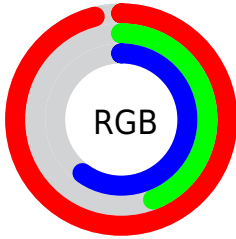
Format	Color
R _Y B	246, 111, 152
Decimal	16150424
CIE Lab	64.35, 55.57, 3.48
CIE LCh	64, 55.677, 3.587
Yxy	33.2287, 0.4251, 0.2862
Android (android.graphics.Color)	4294340504 (0xFF66F98)
YUV	156.0390, -1.9912, 78.8958
Hunter-Lab	57.6443, 51.9551, 5.8752

Details

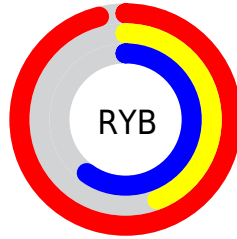
The Yxy color **33.2287, 0.4251, 0.2862** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **73.6938, 0.2611, 0.3808**, and the grayscale version is **33.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3537, 0.3583, 0.2888**, and **14.1111, 0.4622, 0.2722** is the 20% darker color. If you saturate the color by 10%, you get **28.0590, 0.4588, 0.2815**, and if you desaturate by 10%, it is **39.9606, 0.3955, 0.2931**.

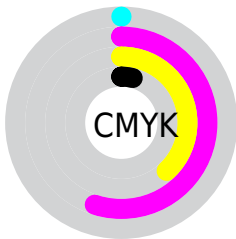
Distribution



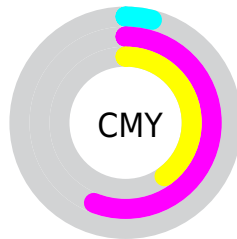
- Red (96%)
- Green (44%)
- Blue (60%)



- Red (96%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2287, 0.4251, 0.2862 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 33.2287, 0.4251, 0.2862 by changing the saturation by 10% instead.


 33.2287, 0.4251,
0.2862

 33.2287, 0.4251,
0.2862


316.6790, 0.3659,
0.3093

 22.3017, 0.4408,
0.2799


 64.7324, 0.4029,
0.2950

 14.0788, 0.4614,
0.2716


 86.0779, 0.3947,
0.2981

 8.1755, 0.4897,
0.2600


 111.6651, 0.3879,
0.3008

 4.2074, 0.5304,
0.2429

141.8782, 0.3822,
0.3030

 1.7903, 0.5932,
0.2158

177.1018, 0.3772,
0.3049

 0.4811, 0.7460,
0.1605

217.7202, 0.3729,

 0.0000, 1.0000,

0.3066


0.0000


264.1178, 0.3692,
0.3080


 0.0000, 0.0000,
0.0000


 33.2287, 0.4251,
0.2862


 33.2287, 0.4251,
0.2862


 28.0590, 0.4588,
0.2815


 39.9606, 0.3955,
0.2931


 24.3184, 0.4952,
0.2802


 48.3631, 0.3703,
0.3010


 21.8598, 0.5316,
0.2834

 58.5411, 0.3495,
0.3094

 20.5013, 0.5645,
0.2913

 70.5892, 0.3324,
0.3176

 20.0948, 0.5794,
0.2965

 84.5952, 0.3185,
0.3254

98.3167, 0.3073,
0.3292

98.3310, 0.3072,
0.3290

Harmonies

Analogous

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



33.2287, 0.3383, 0.2377



33.2287, 0.4251, 0.2862



33.2287, 0.4782, 0.3451

Triad

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



33.2287, 0.4251, 0.2862



33.2287, 0.3525, 0.4904



33.2287, 0.1691, 0.2222

Complementary

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



33.2287, 0.4251, 0.2862



73.6938, 0.2611, 0.3808

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.



33.2287, 0.1712, 0.2773



33.2287, 0.4251, 0.2862



33.2287, 0.2711, 0.4547

Square

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



33.2287, 0.4251, 0.2862



33.2287, 0.4277, 0.4638



33.2287, 0.2056, 0.3656



33.2287, 0.1969, 0.2010

Rectangle

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



33.2287, 0.4251, 0.2862



33.2287, 0.4830, 0.3866



33.2287, 0.2056, 0.3656



33.2287, 0.1664, 0.2365

Sweetspot

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



33.2304, 0.4251, 0.2862



74.9778, 0.3342, 0.3166



30.7569, 0.2792, 0.1826



15.4454, 0.3376, 0.3150



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.



33.2304, 0.4251, 0.2862



29.8573, 0.4633, 0.2812



38.2801, 0.4608, 0.3553



16.5654, 0.3246, 0.3218



10.7486, 0.5751, 0.2942



0.9622, 0.5397, 0.2747

Inverse Universe

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



33.2304, 0.4251, 0.2862



29.8573, 0.4633, 0.2812



61.8759, 0.2367, 0.2982



16.5654, 0.3246, 0.3218



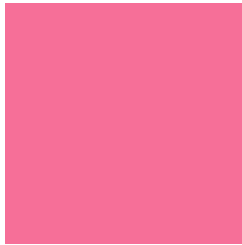
10.7486, 0.5751, 0.2942



0.9622, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 33.2287, 0.4251, 0.2862 looks on a white background.

Color Contrast Check

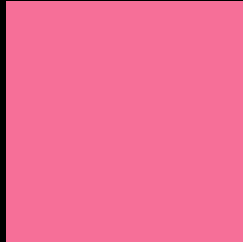
Large Text (above 18pt) WCAG AA × Fail

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 33.2287, 0.4251, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

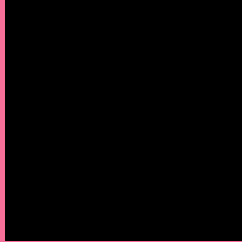
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2287, 0.4251, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 33.2287, 0.4251, 0.2862.



This preview shows how white text looks on a background with the Yxy color 33.2287, 0.4251, 0.2862.

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

33.2287, 0.4251, 0.2862

Protanopia

33.4293, 0.2907, 0.2954

Deuteranopia

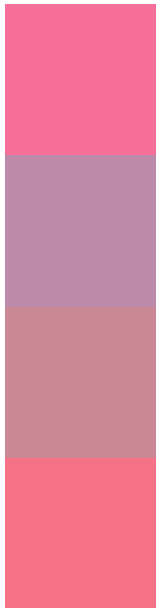
33.3225, 0.3424, 0.3363



Tritanopia

33.1791, 0.4566, 0.3210

Trichromacy



Original Color

33.2287, 0.4251, 0.2862

Protanomaly

31.8946, 0.3337, 0.2886

Deuteranomaly

32.1639, 0.3726, 0.3135

Tritanomaly

33.1683, 0.4460, 0.3083

Monochromacy



Original Color

33.2287, 0.4251, 0.2862

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.9415, 0.3506, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2287, 0.4251, 0.2862 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(246, 111, 152)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 152)  
}
```

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(246, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 152) }
```

Border

The CSS property to change the border of an element to Yxy 33.2287, 0.4251, 0.2862 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(246, 111, 152) }
```

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

```
.border{ border-color:rgb(246, 111, 152) }
```

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

Here you see how a box with a 4 pixel rgb(246, 111, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2287, 0.4251, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 152) }
```

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

```
.background{ background-color: rgb(246,  
111, 152) }
```

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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