

Converting Colors

Yxy(33.1315, 0.4466, 0.3025)

Have a look what the booklet for
Yxy(33.1315, 0.4466, 0.3025)
contains.

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Color

Yxy(33.1315, 0.4466, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	F86F89
RGB	248, 111, 137
RGB Percent	97%, 44%, 54%
CMY	0.0274, 0.5647, 0.4628
CMYK	0.00, 0.55, 0.45, 0.03
HSL	349°, 91%, 70%
HSV	349°, 55%, 97%
XYZ	48.9141, 33.1315, 27.4800
YIQ	154.9270, 73.3060, 37.1300

Conversions

Conversions Part 2

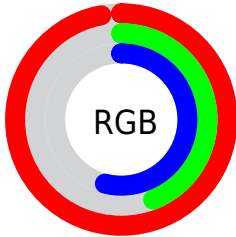
Format	Color
R_{YB}	248, 111, 137
Decimal	16281481
CIE _{Lab}	64.27, 54.70, 12.00
CIE _{LCh}	64, 56.005, 12.373
Yxy	33.1315, 0.4466, 0.3025
Android (android.graphics.Color)	4294471561 (0xFFFF86F89)
YUV	154.9270, -8.8380, 81.6250
Hunter-Lab	57.5600, 50.9584, 11.9861

Details

The Yxy color **33.1315, 0.4466, 0.3025** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.7974, 0.2538, 0.3608**, and the grayscale version is **32.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6151, 0.3732, 0.3051**, and **13.9853, 0.4909, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **27.9278, 0.4867, 0.3003**, and if you desaturate by 10%, it is **39.9481, 0.4111, 0.3065**.

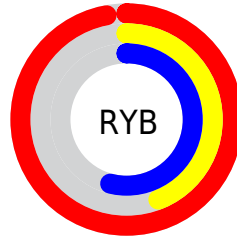
Distribution



Red (97%)

Green (44%)

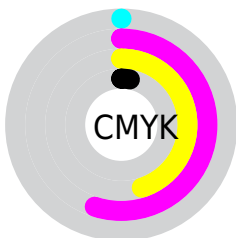
Blue (54%)



Red (97%)

Yellow (44%)

Blue (54%)

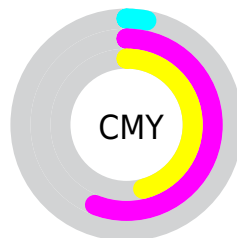


Cyan (0%)

Magenta (55%)

Yellow (45%)

Black (3%)



Cyan (3%)


Magenta (56%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1315, 0.4466, 0.3025 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 33.1315, 0.4466, 0.3025 by changing the saturation by 10% instead.


 33.1315, 0.4466,
0.3025


 33.1315, 0.4466,
0.3025


316.2419, 0.3756,
0.3185


 22.2272, 0.4655,
0.2976


 64.5808, 0.4199,
0.3090

 14.0239, 0.4902,
0.2907

 85.8945, 0.4101,
0.3112

 8.1373, 0.5240,
0.2806


 111.4469, 0.4020,
0.3130

 4.1829, 0.5723,
0.2647

141.6223, 0.3951,
0.3145

 1.7764, 0.6450,
0.2373

176.8051, 0.3892,
0.3157

 0.4724, 0.8219,
0.1781

217.3797, 0.3840,

 0.0000, 1.0000,

0.3168

0.0000

263.7305, 0.3795,
0.3177

■ 0.0000, 0.0000,
0.0000

■ 33.1315, 0.4466,
0.3025

■ 33.1315, 0.4466,
0.3025

■ 27.9278, 0.4867,
0.3003

■ 39.9481, 0.4111,
0.3065

■ 24.1981, 0.5290,
0.3008

■ 48.4910, 0.3810,
0.3113

■ 21.7885, 0.5691,
0.3047


■ 58.8694, 0.3563,
0.3165

■ 20.5083, 0.6017,
0.3118

■ 71.1820, 0.3361,
0.3217

■ 20.1645, 0.6138,
0.3155

■ 85.5204, 0.3199,
0.3266

 98.6989, 0.3084,
0.3290

Harmonies

Analogous

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



33.1315, 0.3653, 0.2499



33.1315, 0.4466, 0.3025



33.1315, 0.4846, 0.3633

Triad

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



33.1315, 0.4466, 0.3025



33.1315, 0.3283, 0.4885



33.1315, 0.1734, 0.2121

Complementary

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



33.1315, 0.4466, 0.3025



75.7974, 0.2538, 0.3608

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.



33.1315, 0.1666, 0.2568



33.1315, 0.4466, 0.3025



33.1315, 0.2488, 0.4328

Square

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



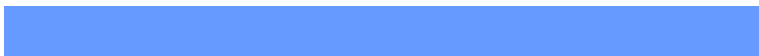
33.1315, 0.4466, 0.3025



33.1315, 0.4080, 0.4772



33.1315, 0.1913, 0.3373



33.1315, 0.2101, 0.1996

Rectangle

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



33.1315, 0.4466, 0.3025



33.1315, 0.4784, 0.4051



33.1315, 0.1913, 0.3373



33.1315, 0.1678, 0.2231

Sweetspot

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



33.1333, 0.4466, 0.3025



73.3328, 0.3394, 0.3208



33.4577, 0.2935, 0.1876



15.1114, 0.3433, 0.3197



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.



33.1333, 0.4466, 0.3025



29.3509, 0.4903, 0.3002



43.5964, 0.4512, 0.3723



17.2790, 0.3264, 0.3245



10.9066, 0.6105, 0.3137



1.0241, 0.5795, 0.2966

Inverse Universe

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



33.1333, 0.4466, 0.3025



29.3509, 0.4903, 0.3002



54.7390, 0.2319, 0.2772



17.2790, 0.3264, 0.3245



10.9066, 0.6105, 0.3137



1.0241, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 33.1315, 0.4466, 0.3025 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 33.1315, 0.4466, 0.3025 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 33.1315, 0.4466, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 33.1315, 0.4466, 0.3025.



This preview shows how white text looks on a background with the Yxy color 33.1315, 0.4466, 0.3025.

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

33.1315, 0.4466, 0.3025

Protanopia

33.2850, 0.3102, 0.3201

Deuteranopia

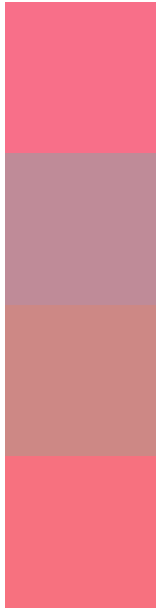
33.1547, 0.3634, 0.3562



Tritanopia

33.2139, 0.4631, 0.3212

Trichromacy



Original Color

33.1315, 0.4466, 0.3025

Protanomaly

31.8086, 0.3563, 0.3115

Deuteranomaly

32.2809, 0.3944, 0.3331

Tritanomaly

33.1167, 0.4574, 0.3150

Monochromacy



Original Color

33.1315, 0.4466, 0.3025

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.4222, 0.3585, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1315, 0.4466, 0.3025 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(248, 111, 137)` looks like.

```
.text, #text, p{  
    color:rgb(248, 111, 137)  
}
```

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(248, 111, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 111, 137) }
```

Border

The CSS property to change the border of an element to Yxy 33.1315, 0.4466, 0.3025 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(248, 111, 137) }
```

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

```
.border{ border-color:rgb(248, 111, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 111, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 111, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 111, 137);  
box-shadow:4px 4px 4px 4px rgb(248, 111,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1315, 0.4466, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 111, 137) }
```

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

```
.background{ background-color: rgb(248,  
111, 137) }
```

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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