

Converting Colors

Yxy(33.0696, 0.3835, 0.2302)

Have a look what the booklet for
Yxy(33.0696, 0.3835, 0.2302)
contains.

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Color

Yxy(33.0742, 0.3830, 0.2298)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DC4
RGB	255, 93, 196
RGB Percent	100%, 36%, 77%
CMY	0.0000, 0.6353, 0.2312
CMYK	0.00, 0.64, 0.23, 0.00
HSL	322°, 100%, 68%
HSV	322°, 64%, 100%
XYZ	55.1237, 33.0742, 55.7282
YIQ	153.1800, 63.4890, 66.3770

Conversions

Conversions Part 2

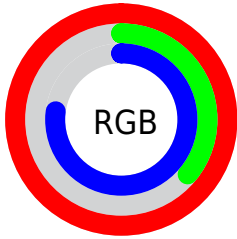
Format	Color
R _Y B	255, 93, 196
Decimal	16735684
CIE Lab	64.22, 71.19, -21.67
CIE LCh	64, 74.413, 343.070
Yxy	33.0742, 0.3830, 0.2298
Android (android.graphics.Color)	4294925764 (0xFFFF5DC4)
YUV	153.1800, 21.1103, 89.2961
Hunter-Lab	57.5102, 70.4500, -17.1957

Details

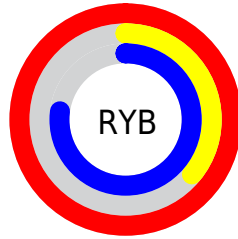
The Yxy color **33.0742, 0.3830, 0.2298** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **76.1120, 0.2801, 0.4641**, and the grayscale version is **31.8224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8083, 0.3190, 0.2309**, and **13.9226, 0.4018, 0.2043** is the 20% darker color. If you saturate the color by 10%, you get **28.9106, 0.3991, 0.2210**, and if you desaturate by 10%, it is **38.7562, 0.3679, 0.2423**.

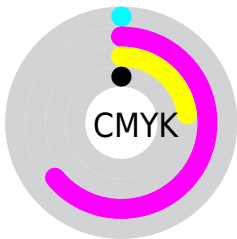
Distribution



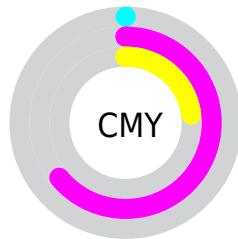
- Red (100%)
- Green (36%)
- Blue (77%)



- Red (100%)
- Yellow (36%)
- Blue (77%)



- Cyan (0%)
- Magenta (64%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0742, 0.3830, 0.2298 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 33.0742, 0.3830, 0.2298 by changing the saturation by 10% instead.


 33.0742, 0.3830,
0.2298


 33.0742, 0.3830,
0.2298


315.9839, 0.3483,
0.2775


 22.1833, 0.3915,
0.2186


 64.4914, 0.3705,
0.2467


 13.9916, 0.4022,
0.2045


 85.7864, 0.3658,
0.2531

 8.1149, 0.4162,
0.1866


 111.3183, 0.3618,
0.2587

 4.1685, 0.4353,
0.1631

 141.4714, 0.3583,
0.2635

 1.7683, 0.4622,
0.1315

176.6301, 0.3553,
0.2677

 0.4673, 0.5078,
0.0786

217.1788, 0.3527,

 0.0000, 0.5871,

0.2713

0.0000

263.5020, 0.3503,
0.2746

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 33.0742, 0.3830,
0.2298

■ 33.0742, 0.3830,
0.2298

■ 28.9106, 0.3991,
0.2210

■ 38.7562, 0.3679,
0.2423

■ 26.1089, 0.4157,
0.2168


■ 46.0897, 0.3542,
0.2574


■ 24.4800, 0.4320,
0.2180

■ 55.1944, 0.3420,
0.2738

■ 23.8758, 0.4423,
0.2210

■ 66.1787, 0.3316,
0.2907

 79.1419, 0.3226,
0.3074

 94.1767, 0.3151,
0.3235

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



33.0742, 0.2667, 0.1860



33.0742, 0.3830, 0.2298



33.0742, 0.4919, 0.2924

Triad

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



33.0742, 0.3830, 0.2298



33.0742, 0.4228, 0.5166



33.0742, 0.1307, 0.2297

Complementary

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



33.0742, 0.3830, 0.2298



76.1120, 0.2801, 0.4641

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.



33.0742, 0.1561, 0.3327



33.0742, 0.3830, 0.2298



33.0742, 0.3218, 0.5454

Square

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



33.0742, 0.3830, 0.2298



33.0742, 0.5036, 0.4415



33.0742, 0.2236, 0.4697



33.0742, 0.1406, 0.1796

Rectangle

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



33.0742, 0.3830, 0.2298



33.0742, 0.5304, 0.3393



33.0742, 0.2236, 0.4697



33.0742, 0.1349, 0.2577

Sweetspot

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



33.0746, 0.3830, 0.2298



71.8039, 0.3273, 0.2983



21.5022, 0.2255, 0.1406



14.5990, 0.3300, 0.2935



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.



33.0746, 0.3830, 0.2298



28.0995, 0.4032, 0.2195



30.3784, 0.4887, 0.3069



18.1816, 0.3194, 0.3140



12.5053, 0.4398, 0.2196



1.2386, 0.4226, 0.2101

Inverse Universe

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



33.0746, 0.3830, 0.2298



28.0995, 0.4032, 0.2195



79.5992, 0.2461, 0.3584



18.1816, 0.3194, 0.3140



12.5053, 0.4398, 0.2196



1.2386, 0.4226, 0.2101

Previews

White Background



This preview shows how the Yxy color 33.0742, 0.3830, 0.2298 looks on a white background.

Color Contrast Check

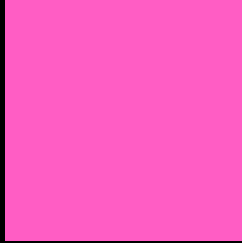
Large Text (above 18pt) WCAG AA × Fail

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 33.0742, 0.3830, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

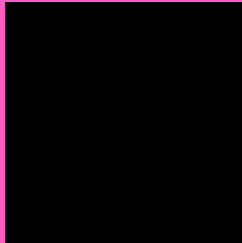
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0742, 0.3830, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 33.0742, 0.3830, 0.2298.



This preview shows how white text looks on a background with the Yxy color 33.0742, 0.3830, 0.2298.

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

33.0742, 0.3830, 0.2298

Protanopia

33.4184, 0.2269, 0.2131

Deuteranopia

33.1122, 0.2858, 0.2791



Tritanopia

32.9009, 0.4678, 0.3213

Trichromacy



Original Color

33.0742, 0.3830, 0.2298



Protanomaly

30.4395, 0.2685, 0.2111



Deuteranomaly

31.1568, 0.3184, 0.2534



Tritanomaly

32.7505, 0.4378, 0.2857

Monochromacy



Original Color

33.0742, 0.3830, 0.2298



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

30.0443, 0.3382, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0742, 0.3830, 0.2298 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(255, 93, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 196)  
}
```

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(255, 93, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 196) }
```

Border

The CSS property to change the border of an element to Yxy 33.0742, 0.3830, 0.2298 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(255, 93, 196) }
```

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

```
.border{ border-color:rgb(255, 93, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0742, 0.3830, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 196) }
```

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

```
.background{ background-color: rgb(255, 93,  
196) }
```

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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