

Converting Colors

$Y_{xy}(30.6804, 0.4337, 0.2710)$

Have a look what the booklet for
Yxy(30.6804, 0.4337, 0.2710)
contains.

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Color

Yxy(30.8083, 0.4338, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	FA5F99
RGB	250, 95, 153
RGB Percent	98%, 37%, 60%
CMY	0.0197, 0.6273, 0.4000
CMYK	0.00, 0.62, 0.39, 0.02
HSL	338°, 94%, 68%
HSV	338°, 62%, 98%
XYZ	49.2615, 30.8083, 33.4883
YIQ	147.9570, 73.7620, 50.8980

Conversions

Conversions Part 2

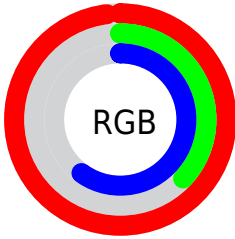
Format	Color
R _Y B	250, 95, 153
Decimal	16408473
CIE Lab	62.35, 63.93, 0.08
CIE LCh	62, 63.934, 0.068
Yxy	30.8083, 0.4338, 0.2713
Android (android.graphics.Color)	4294598553 (0xFFFA5F99)
YUV	147.9570, 2.4862, 89.4917
Hunter-Lab	55.5052, 61.2865, 3.0819

Details

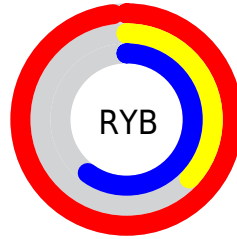
The Yxy color **30.8083, 0.4338, 0.2713** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **74.5999, 0.2621, 0.4038**, and the grayscale version is **29.5661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2215, 0.3602, 0.2725**, and **12.7067, 0.4739, 0.2525** is the 20% darker color. If you saturate the color by 10%, you get **26.5210, 0.4654, 0.2675**, and if you desaturate by 10%, it is **36.6111, 0.4051, 0.2784**.

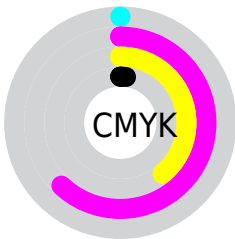
Distribution



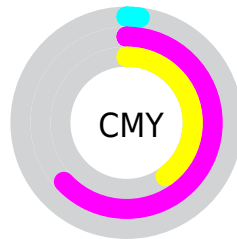
- Red (98%)
- Green (37%)
- Blue (60%)



- Red (98%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (62%)
- Yellow (39%)
- Black (2%)




- Cyan (2%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8083, 0.4338, 0.2713 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 30.8083, 0.4338, 0.2713 by changing the saturation by 10% instead.

 30.8083, 0.4338,
0.2713

 30.8083, 0.4338,
0.2713


305.6542, 0.3697,
0.3019


 20.4529, 0.4509,
0.2632


 60.9381, 0.4097,
0.2828


 12.7247, 0.4734,
0.2524


 81.4814, 0.4009,
0.2870

 7.2392, 0.5042,
0.2377


 106.1894, 0.3935,
0.2905

 3.6122, 0.5487,
0.2164

 135.4465, 0.3873,
0.2935

 1.4591, 0.6172,
0.1837

169.6371, 0.3819,
0.2960

 0.2597, 0.8055,
0.0940

209.1457, 0.3773,

 0.0000, 1.0000,

0.2983

0.0000

254.3566, 0.3732,
0.3002

■ 0.0000, 0.0000,
0.0000

■ 30.8083, 0.4338,
0.2713

■ 30.8083, 0.4338,
0.2713

■ 26.5210, 0.4654,
0.2675

■ 36.6111, 0.4051,
0.2784

■ 23.5977, 0.4982,
0.2681

■ 44.0516, 0.3800,
0.2875

■ 21.8640, 0.5299,
0.2740

■ 53.2455, 0.3588,
0.2975

■ 21.1203, 0.5529,
0.2819

■ 64.2961, 0.3412,
0.3078

■ 77.2990, 0.3267,
0.3177

92.3429, 0.3148,
0.3272

99.0605, 0.3096,
0.3290

Harmonies

Analogous

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



30.8083, 0.3291, 0.2195



30.8083, 0.4338, 0.2713



30.8083, 0.5025, 0.3354

Triad

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



30.8083, 0.4338, 0.2713



30.8083, 0.3654, 0.5184



30.8083, 0.1483, 0.2101

Complementary

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



30.8083, 0.4338, 0.2713



74.5999, 0.2621, 0.4038

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.



30.8083, 0.1536, 0.2764



30.8083, 0.4338, 0.2713



30.8083, 0.2721, 0.4901

Square

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



30.8083, 0.4338, 0.2713



30.8083, 0.4504, 0.4742



30.8083, 0.1950, 0.3851



30.8083, 0.1751, 0.1841

Rectangle

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



30.8083, 0.4338, 0.2713



30.8083, 0.5113, 0.3813



30.8083, 0.1950, 0.3851



30.8083, 0.1464, 0.2272

Sweetspot

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



30.8099, 0.4338, 0.2713



71.0866, 0.3366, 0.3108



26.1127, 0.2637, 0.1611



14.4260, 0.3410, 0.3079



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.



30.8099, 0.4338, 0.2713



26.9949, 0.4723, 0.2672



32.9811, 0.4985, 0.3469



17.3326, 0.3235, 0.3202



11.2303, 0.5486, 0.2796



1.0599, 0.5162, 0.2617

Inverse Universe

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



30.8099, 0.4338, 0.2713



26.9949, 0.4723, 0.2672



66.9941, 0.2325, 0.3066



17.3326, 0.3235, 0.3202



11.2303, 0.5486, 0.2796



1.0599, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 30.8083, 0.4338, 0.2713 looks on a white background.

Color Contrast Check

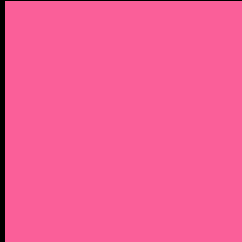
Large Text (above 18pt) WCAG AA × Fail

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 30.8083, 0.4338, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

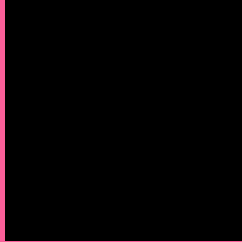
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8083, 0.4338, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 30.8083, 0.4338, 0.2713.



This preview shows how white text looks on a background with the Yxy color 30.8083, 0.4338, 0.2713.

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

30.8083, 0.4338, 0.2713

Protanopia

31.1513, 0.2732, 0.2743

Deuteranopia

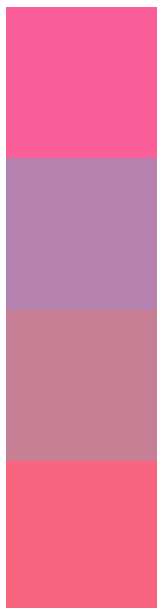
30.9269, 0.3371, 0.3306



Tritanopia

30.8225, 0.4833, 0.3226

Trichromacy



Original Color

30.8083, 0.4338, 0.2713

Protanomaly

28.8842, 0.3221, 0.2675

Deuteranomaly

29.3226, 0.3722, 0.3013

Tritanomaly

30.7702, 0.4662, 0.3044

Monochromacy



Original Color

30.8083, 0.4338, 0.2713

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.2168, 0.3545, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8083, 0.4338, 0.2713 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(250, 95, 153)` looks like.

```
.text, #text, p{  
    color:rgb(250, 95, 153)  
}
```

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(250, 95, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 95, 153) }
```

Border

The CSS property to change the border of an element to Yxy 30.8083, 0.4338, 0.2713 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(250, 95, 153) }
```

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

```
.border{ border-color:rgb(250, 95, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 95, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 95, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 95, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 95,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8083, 0.4338, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 95, 153) }
```

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

```
.background{ background-color: rgb(250, 95,  
153) }
```

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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