

Converting Colors

$Y_{xy}(33.3235, 0.4192, 0.2723)$

Have a look what the booklet for
Yxy(33.3235, 0.4192, 0.2723)
contains.

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Color

Yxy(33.4259, 0.4190, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	FB6AA2
RGB	251, 106, 162
RGB Percent	98%, 42%, 64%
CMY	0.0158, 0.5842, 0.3647
CMYK	0.00, 0.58, 0.35, 0.02
HSL	337°, 95%, 70%
HSV	337°, 58%, 98%
XYZ	51.4528, 33.4259, 37.9203
YIQ	155.7390, 68.4440, 48.1560

Conversions

Conversions Part 2

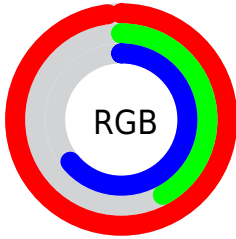
Format	Color
R _Y B	251, 106, 162
Decimal	16476834
CIE Lab	64.50, 60.50, -1.91
CIE LCh	65, 60.528, 358.189
Yxy	33.4259, 0.4190, 0.2722
Android (android.graphics.Color)	4294666914 (0xFFFB6AA2)
YUV	155.7390, 3.0867, 83.5439
Hunter-Lab	57.8151, 57.6803, 1.5829

Details

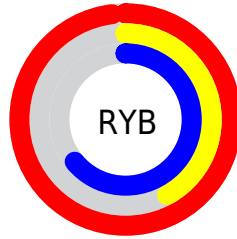
The Yxy color **33.4259, 0.4190, 0.2722** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.9866, 0.2648, 0.4001**, and the grayscale version is **33.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1104, 0.3492, 0.2729**, and **14.1279, 0.4511, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **28.4734, 0.4488, 0.2665**, and if you desaturate by 10%, it is **39.9622, 0.3924, 0.2806**.

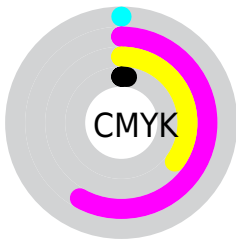
Distribution



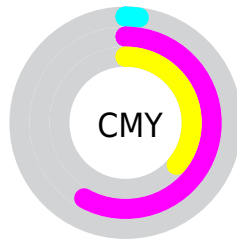
- Red (98%)
- Green (42%)
- Blue (64%)



- Red (98%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4259, 0.4190, 0.2722 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 33.4259, 0.4190, 0.2722 by changing the saturation by 10% instead.


 33.4259, 0.4190,
0.2722


 33.4259, 0.4190,
0.2722


317.5645, 0.3635,
0.3016

 22.4529, 0.4335,
0.2646


 65.0399, 0.3983,
0.2831


 14.1901, 0.4526,
0.2546


 86.4497, 0.3907,
0.2871

 8.2530, 0.4785,
0.2412

 112.1072, 0.3843,
0.2905

 4.2572, 0.5155,
0.2222

 142.3969, 0.3789,
0.2934

 1.8185, 0.5722,
0.1934

177.7030, 0.3742,
0.2959

 0.4987, 0.6810,
0.1353

218.4101, 0.3702,

 0.0000, 1.0000,

0.2981

0.0000

264.9024, 0.3666,
0.3000

■ 0.0000, 0.0000,
0.0000

■ 33.4259, 0.4190,
0.2722

■ 33.4259, 0.4190,
0.2722

■ 28.4734, 0.4488,
0.2665

■ 39.9622, 0.3924,
0.2806

■ 24.9609, 0.4807,
0.2649

■ 48.1993, 0.3695,
0.2905

■ 22.7270, 0.5125,
0.2684

■ 58.2489, 0.3502,
0.3010

■ 21.5546, 0.5418,
0.2771

■ 70.2117, 0.3343,
0.3115

■ 21.3663, 0.5481,
0.2793

■ 84.1811, 0.3212,
0.3216

99.2089, 0.3106,
0.3295

99.2450, 0.3102,
0.3290

Harmonies

Analogous

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



33.4259, 0.3223, 0.2240



33.4259, 0.4190, 0.2722



33.4259, 0.4858, 0.3328

Triad

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



33.4259, 0.4190, 0.2722



33.4259, 0.3693, 0.5029



33.4259, 0.1576, 0.2215

Complementary

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



33.4259, 0.4190, 0.2722



75.9866, 0.2648, 0.4001

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.



33.4259, 0.1652, 0.2869



33.4259, 0.4190, 0.2722



33.4259, 0.2817, 0.4797

Square

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



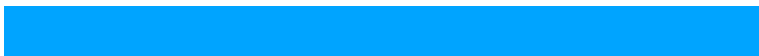
33.4259, 0.4190, 0.2722



33.4259, 0.4470, 0.4626



33.4259, 0.2074, 0.3877



33.4259, 0.1812, 0.1939

Rectangle

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



33.4259, 0.4190, 0.2722



33.4259, 0.4976, 0.3764



33.4259, 0.2074, 0.3877



33.4259, 0.1566, 0.2387

Sweetspot

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



33.4276, 0.4190, 0.2722



73.7952, 0.3332, 0.3123



28.6150, 0.2659, 0.1707



15.2197, 0.3362, 0.3102



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.



33.4276, 0.4190, 0.2722



28.9654, 0.4529, 0.2661



35.1056, 0.4815, 0.3439



17.3362, 0.3233, 0.3199



11.2597, 0.5438, 0.2769



1.0629, 0.5117, 0.2593

Inverse Universe

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



33.4276, 0.4190, 0.2722



28.9654, 0.4529, 0.2661



70.2986, 0.2369, 0.3113



17.3362, 0.3233, 0.3199



11.2597, 0.5438, 0.2769



1.0629, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 33.4259, 0.4190, 0.2722 looks on a white background.

Color Contrast Check

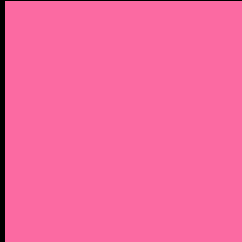
Large Text (above 18pt) WCAG AA × Fail

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 33.4259, 0.4190, 0.2722 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 33.4259, 0.4190, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 33.4259, 0.4190, 0.2722.



This preview shows how white text looks on a background with the Yxy color 33.4259, 0.4190, 0.2722.

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

33.4259, 0.4190, 0.2722

Protanopia

33.5888, 0.2744, 0.2746

Deuteranopia

33.5937, 0.3302, 0.3247



Tritanopia

33.3962, 0.4641, 0.3213

Trichromacy



Original Color

33.4259, 0.4190, 0.2722



Protanomaly

31.5830, 0.3186, 0.2691



Deuteranomaly

32.2141, 0.3616, 0.2992



Tritanomaly

33.3148, 0.4475, 0.3026

Monochromacy



Original Color

33.4259, 0.4190, 0.2722



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

31.7219, 0.3500, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4259, 0.4190, 0.2722 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(251, 106, 162)` looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 162)  
}
```

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(251, 106, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 162) }
```

Border

The CSS property to change the border of an element to Yxy 33.4259, 0.4190, 0.2722 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(251, 106, 162) }
```

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

```
.border{ border-color:rgb(251, 106, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 162);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4259, 0.4190, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 162) }
```

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

```
.background{ background-color: rgb(251,  
106, 162) }
```

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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