

Converting Colors

$Yxy(33.3709, 0.3832, 0.2544)$

Have a look what the booklet for
Yxy(33.3709, 0.3832, 0.2544)
contains.

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Color

Yxy(33.4058, 0.3833, 0.2546)

Conversions

Conversions Part 1

Format	Color
Hex	F16FB5
RGB	241, 111, 181
RGB Percent	95%, 44%, 71%
CMY	0.0550, 0.5646, 0.2902
CMYK	0.00, 0.54, 0.25, 0.06
HSL	328°, 82%, 69%
HSV	328°, 54%, 94%
XYZ	50.2924, 33.4058, 47.5108
YIQ	157.8500, 55.0100, 49.3300

Conversions

Conversions Part 2

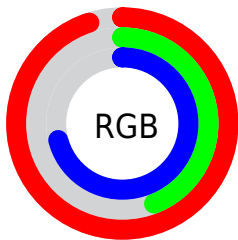
Format	Color
R_{YB}	241, 111, 181
Decimal	15822773
CIE _{Lab}	64.49, 57.48, -12.92
CIE _{LCh}	64, 58.916, 347.329
Yxy	33.4058, 0.3833, 0.2546
Android (android.graphics.Color)	4294012853 (0xFFFF16FB5)
YUV	157.8500, 11.4129, 72.9225
Hunter-Lab	57.7978, 54.1747, -8.2790

Details

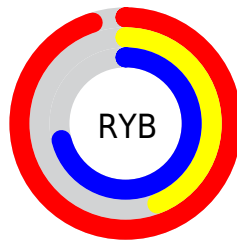
The Yxy color **33.4058, 0.3833, 0.2546** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.2149, 0.2764, 0.4219**, and the grayscale version is **34.0531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0119, 0.3312, 0.2590**, and **14.2360, 0.4047, 0.2347** is the 20% darker color. If you saturate the color by 10%, you get **28.3989, 0.4034, 0.2442**, and if you desaturate by 10%, it is **39.8706, 0.3653, 0.2674**.

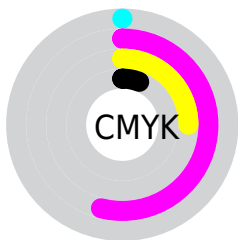
Distribution



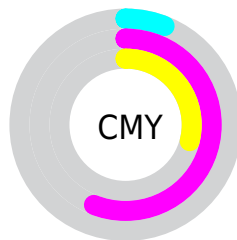
- Red (95%)
- Green (44%)
- Blue (71%)



- Red (95%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (6%)





- Cyan (6%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4058, 0.3833, 0.2546 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 33.4058, 0.3833, 0.2546 by changing the saturation by 10% instead.


 33.4058, 0.3833,
0.2546


 33.4058, 0.3833,
0.2546

317.4743, 0.3473,
0.2915

 22.4375, 0.3925,
0.2455


 65.0086, 0.3701,
0.2679

 14.1787, 0.4043,
0.2340


 86.4118, 0.3652,
0.2730

 8.2451, 0.4202,
0.2188


 112.0622, 0.3610,
0.2772

 4.2522, 0.4426,
0.1982

142.3440, 0.3575,
0.2809

 1.8156, 0.4762,
0.1687

177.6418, 0.3544,
0.2841

 0.4969, 0.5377,
0.1134

218.3398, 0.3518,


 0.0000, 0.7749,


0.2869


0.0000

264.8225, 0.3494,
0.2893

 0.0000, 0.0000,
0.0000

 33.4058, 0.3833,
0.2546


 33.4058, 0.3833,
0.2546


 28.3989, 0.4034,
0.2442


 39.8706, 0.3653,
0.2674

 24.7272, 0.4252,
0.2375

 47.8930, 0.3497,
0.2815


 22.2560, 0.4477,
0.2356

 57.5696, 0.3364,
0.2959


 20.8192, 0.4698,
0.2391

 68.9878, 0.3252,
0.3102

 20.3004, 0.4829,
0.2434

 82.2288, 0.3159,
0.3239

 96.9760, 0.3082,
0.3361

 97.4355, 0.3041,
0.3290

Harmonies

Analogous

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



33.4058, 0.2892, 0.2138



33.4058, 0.3833, 0.2546



33.4058, 0.4636, 0.3108

Triad

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



33.4058, 0.3833, 0.2546



33.4058, 0.3983, 0.4896



33.4058, 0.1599, 0.2428

Complementary

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



33.4058, 0.3833, 0.2546



69.2149, 0.2764, 0.4219

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.



33.4058, 0.1795, 0.3210



33.4058, 0.3833, 0.2546



33.4058, 0.3137, 0.4925

Square

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



33.4058, 0.3833, 0.2546



33.4058, 0.4653, 0.4387



33.4058, 0.2335, 0.4230



33.4058, 0.1721, 0.2029

Rectangle

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



33.4058, 0.3833, 0.2546



33.4058, 0.4901, 0.3527



33.4058, 0.2335, 0.4230



33.4058, 0.1627, 0.2646

Sweetspot

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



33.4075, 0.3833, 0.2546



75.5204, 0.3275, 0.3072



26.2159, 0.2527, 0.1742



15.5742, 0.3297, 0.3043



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.



33.4075, 0.3833, 0.2546



31.6808, 0.4061, 0.2431



31.3683, 0.4648, 0.3226



15.9012, 0.3209, 0.3164



11.0391, 0.4796, 0.2416



0.9384, 0.4529, 0.2269

Inverse Universe

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



33.4075, 0.3833, 0.2546



31.6808, 0.4061, 0.2431



72.2421, 0.2467, 0.3368



15.9012, 0.3209, 0.3164



11.0391, 0.4796, 0.2416



0.9384, 0.4529, 0.2269

Previews

White Background



This preview shows how the Yxy color 33.4058, 0.3833, 0.2546 looks on a white background.

Color Contrast Check

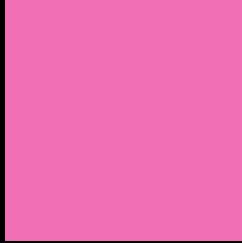
Large Text (above 18pt) WCAG AA × Fail

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 33.4058, 0.3833, 0.2546 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 33.4058, 0.3833, 0.2546

Background



This preview shows how black text looks on a background with the Yxy color 33.4058, 0.3833, 0.2546.



This preview shows how white text looks on a background with the Yxy color 33.4058, 0.3833, 0.2546.

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

33.4058, 0.3833, 0.2546

Protanopia

33.8086, 0.2560, 0.2512

Deuteranopia

33.7310, 0.3044, 0.2990



Tritanopia

33.3636, 0.4379, 0.3205

Trichromacy



Original Color

33.4058, 0.3833, 0.2546



Protanomaly

31.9825, 0.2939, 0.2487



Deuteranomaly

32.5578, 0.3309, 0.2779



Tritanomaly

33.3039, 0.4180, 0.2951

Monochromacy



Original Color

33.4058, 0.3833, 0.2546



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.4943, 0.3376, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4058, 0.3833, 0.2546 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(241, 111, 181)` looks like.

```
.text, #text, p{  
    color:rgb(241, 111, 181)  
}
```

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(241, 111, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 111, 181) }
```

Border

The CSS property to change the border of an element to Yxy 33.4058, 0.3833, 0.2546 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(241, 111, 181) }
```

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

```
.border{ border-color:rgb(241, 111, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 111, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 111, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 111, 181);  
box-shadow:4px 4px 4px 4px rgb(241, 111,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4058, 0.3833, 0.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 111, 181) }
```

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

```
.background{ background-color: rgb(241,  
111, 181) }
```

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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