

Converting Colors

Yxy(33.3081, 0.3830, 0.2310)

Have a look what the booklet for
Yxy(33.3081, 0.3830, 0.2310)
contains.

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Color

Yxy(33.2509, 0.3829, 0.2306)

Conversions

Conversions Part 1

Format	Color
Hex	FF5EC4
RGB	255, 94, 196
RGB Percent	100%, 37%, 77%
CMY	0.0000, 0.6314, 0.2314
CMYK	0.00, 0.63, 0.23, 0.00
HSL	322°, 100%, 68%
HSV	322°, 63%, 100%
XYZ	55.2115, 33.2509, 55.7306
YIQ	153.7670, 63.2140, 65.8540

Conversions

Conversions Part 2

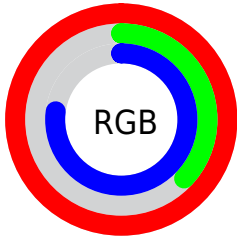
Format	Color
R _{YB}	255, 94, 196
Decimal	16735940
CIE Lab	64.36, 70.80, -21.43
CIE LCh	64, 73.966, 343.162
Yxy	33.2509, 0.3829, 0.2306
Android (android.graphics.Color)	4294926020 (0xFFFF5EC4)
YUV	153.7670, 20.8209, 88.7813
Hunter-Lab	57.6636, 69.9981, -16.9380

Details

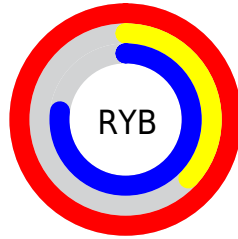
The Yxy color **33.2509, 0.3829, 0.2306** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **76.1987, 0.2800, 0.4626**, and the grayscale version is **32.0900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1343, 0.3190, 0.2318**, and **14.0351, 0.4016, 0.2054** is the 20% darker color. If you saturate the color by 10%, you get **29.0266, 0.3991, 0.2216**, and if you desaturate by 10%, it is **38.9946, 0.3677, 0.2432**.

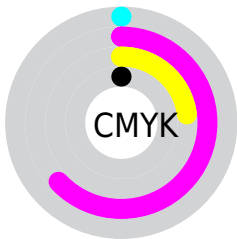
Distribution



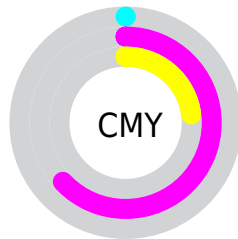
- Red (100%)
- Green (37%)
- Blue (77%)



- Red (100%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (63%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (63%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2509, 0.3829, 0.2306 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 33.2509, 0.3829, 0.2306 by changing the saturation by 10% instead.


 33.2509, 0.3829,
0.2306


 33.2509, 0.3829,
0.2306


316.7788, 0.3482,
0.2780

 22.3187, 0.3914,
0.2194


 64.7670, 0.3704,
0.2473

 14.0913, 0.4021,
0.2055


 86.1198, 0.3657,
0.2538

 8.1842, 0.4161,
0.1877


 111.7149, 0.3617,
0.2593

 4.2130, 0.4351,
0.1644

 141.9367, 0.3582,
0.2640

 1.7934, 0.4621,
0.1329

177.1696, 0.3552,
0.2682

 0.4831, 0.5075,
0.0809

217.7979, 0.3526,

 0.0000, 0.5885,

0.2718

0.0000

264.2062, 0.3503,
0.2751

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

33.2509, 0.3829,
0.2306

33.2509, 0.3829,
0.2306

29.0266, 0.3991,
0.2216

38.9946, 0.3677,
0.2432

26.1736, 0.4158,
0.2174


46.3975, 0.3539,
0.2582


24.5020, 0.4323,
0.2183

55.5765, 0.3418,
0.2746

23.8528, 0.4434,
0.2216

66.6394, 0.3313,
0.2915

 79.6855, 0.3223,
0.3081

 94.8070, 0.3148,
0.3241

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.



33.2509, 0.2674, 0.1869



33.2509, 0.3829, 0.2306



33.2509, 0.4908, 0.2930

Triad

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



33.2509, 0.3829, 0.2306



33.2509, 0.4221, 0.5157



33.2509, 0.1317, 0.2303

Complementary

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



33.2509, 0.3829, 0.2306



76.1987, 0.2800, 0.4626

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.



33.2509, 0.1570, 0.3324



33.2509, 0.3829, 0.2306



33.2509, 0.3217, 0.5436

Square

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



33.2509, 0.3829, 0.2306



33.2509, 0.5023, 0.4414



33.2509, 0.2241, 0.4681



33.2509, 0.1416, 0.1805

Rectangle

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



33.2509, 0.3829, 0.2306



33.2509, 0.5289, 0.3398



33.2509, 0.2241, 0.4681



33.2509, 0.1359, 0.2581

Sweetspot

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



33.2488, 0.3829, 0.2306



71.7967, 0.3274, 0.2984



21.7400, 0.2261, 0.1417



14.5972, 0.3301, 0.2936



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.



33.2488, 0.3829, 0.2306



28.0788, 0.4039, 0.2199



30.5748, 0.4870, 0.3069



18.1808, 0.3195, 0.3140



12.4934, 0.4408, 0.2202



1.2375, 0.4234, 0.2106

Inverse Universe

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



33.2488, 0.3829, 0.2306



28.0788, 0.4039, 0.2199



79.6600, 0.2463, 0.3582



18.1808, 0.3195, 0.3140



12.4934, 0.4408, 0.2202



1.2375, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 33.2509, 0.3829, 0.2306 looks on a white background.

Color Contrast Check

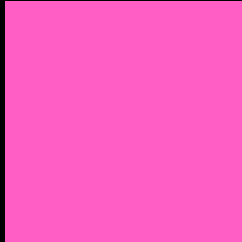
Large Text (above 18pt) WCAG AA × Fail

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 33.2509, 0.3829, 0.2306 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 33.2509, 0.3829, 0.2306

Background



This preview shows how black text looks on a background with the Yxy color 33.2509, 0.3829, 0.2306.

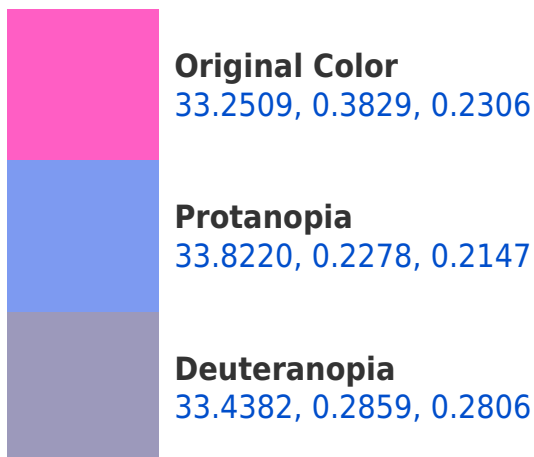


This preview shows how white text looks on a background with the Yxy color 33.2509, 0.3829, 0.2306.

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





Tritanopia

33.1472, 0.4659, 0.3213

Trichromacy



Original Color

33.2509, 0.3829, 0.2306



Protanomaly

30.7094, 0.2686, 0.2123



Deuteranomaly

31.4267, 0.3183, 0.2546



Tritanomaly

32.9554, 0.4374, 0.2867

Monochromacy



Original Color

33.2509, 0.3829, 0.2306



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

30.4435, 0.3391, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2509, 0.3829, 0.2306 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, 94, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 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, 94, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 196) }
```

Border

The CSS property to change the border of an element to Yxy 33.2509, 0.3829, 0.2306 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, 94, 196) }
```

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

```
.border{ border-color:rgb(255, 94, 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, 94, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2509, 0.3829, 0.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 196) }
```

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

```
.background{ background-color: rgb(255, 94,  
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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