

Converting Colors

Yxy(34.0008, 0.3991, 0.2513)

Have a look what the booklet for
Yxy(34.0008, 0.3991, 0.2513)
contains.

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Color

Yxy(33.9098, 0.3989, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	FE66B5
RGB	254, 102, 181
RGB Percent	100%, 40%, 71%
CMY	0.0038, 0.6001, 0.2901
CMYK	0.00, 0.60, 0.29, 0.00
HSL	329°, 99%, 70%
HSV	329°, 60%, 100%
XYZ	53.9769, 33.9098, 47.4277
YIQ	156.4540, 65.2330, 56.7930

Conversions

Conversions Part 2

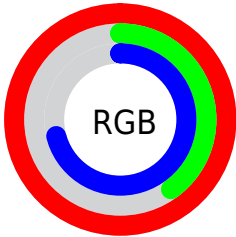
Format	Color
R_YB	254, 102, 181
Decimal	16672437
CIE _{Lab}	64.89, 65.39, -12.14
CIE _{LCh}	65, 66.507, 349.482
Yxy	33.9098, 0.3989, 0.2506
Android (android.graphics.Color)	4294862517 (0xFFFE66B5)
YUV	156.4540, 12.1012, 85.5478
Hunter-Lab	58.2321, 63.5503, -7.5268

Details

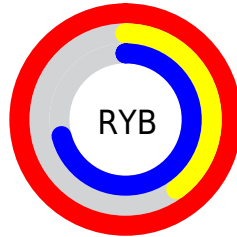
The Yxy color **33.9098, 0.3989, 0.2506** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76.8253, 0.2729, 0.4309**, and the grayscale version is **33.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1707, 0.3319, 0.2512**, and **14.5454, 0.4253, 0.2299** is the 20% darker color. If you saturate the color by 10%, you get **29.1829, 0.4212, 0.2427**, and if you desaturate by 10%, it is **40.2130, 0.3786, 0.2617**.

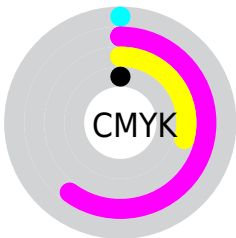
Distribution



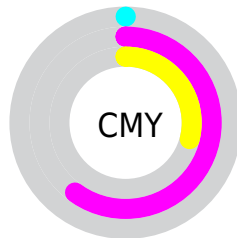
- Red (100%)
- Green (40%)
- Blue (71%)



- Red (100%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9098, 0.3989, 0.2506 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 33.9098, 0.3989, 0.2506 by changing the saturation by 10% instead.


 33.9098, 0.3989,
0.2506


 33.9098, 0.3989,
0.2506


319.7297, 0.3550,
0.2894


 22.8243, 0.4101,
0.2411


 65.7934, 0.3828,
0.2645

 14.4638, 0.4245,
0.2291


 87.3603, 0.3768,
0.2698

 8.4440, 0.4437,
0.2134


 113.1897, 0.3717,
0.2743

 4.3803, 0.4707,
0.1922

 143.6662, 0.3674,
0.2782

 1.8885, 0.5109,
0.1622

179.1740, 0.3637,
0.2815

 0.5415, 0.5807,
0.1101

220.0976, 0.3604,

 0.0000, 0.8223,

0.2845

0.0000

266.8213, 0.3575,
0.2871

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

33.9098, 0.3989,
0.2506

33.9098, 0.3989,
0.2506

29.1829, 0.4212,
0.2427

40.2130, 0.3786,
0.2617

25.8813, 0.4448,
0.2392

48.2150, 0.3607,
0.2747

23.8328, 0.4685,
0.2411

58.0320, 0.3454,
0.2886

22.7580, 0.4912,
0.2480

69.7685, 0.3324,
0.3026

■ 22.7457, 0.4915,
0.2481

■ 83.5208, 0.3216,
0.3162

■ 99.3790, 0.3126,
0.3292

■ 99.8180, 0.3121,
0.3290

Harmonies

Analogous

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



33.9098, 0.2928, 0.2052



33.9098, 0.3989, 0.2506



33.9098, 0.4865, 0.3117

Triad

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



33.9098, 0.3989, 0.2506



33.9098, 0.3978, 0.5097



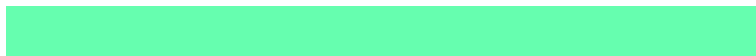
33.9098, 0.1455, 0.2276

Complementary

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



33.9098, 0.3989, 0.2506



76.8253, 0.2729, 0.4309

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.



33.9098, 0.1629, 0.3106



33.9098, 0.3989, 0.2506



33.9098, 0.3043, 0.5123

Square

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



33.9098, 0.3989, 0.2506



33.9098, 0.4752, 0.4512



33.9098, 0.2180, 0.4277



33.9098, 0.1611, 0.1885

Rectangle

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



33.9098, 0.3989, 0.2506



33.9098, 0.5119, 0.3567



33.9098, 0.2180, 0.4277



33.9098, 0.1474, 0.2500

Sweetspot

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



33.9115, 0.3989, 0.2506



72.7910, 0.3302, 0.3052



25.5313, 0.2460, 0.1576



14.7753, 0.3337, 0.3011



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.



33.9115, 0.3989, 0.2506



28.6018, 0.4263, 0.2415



31.6368, 0.4958, 0.3248



18.1448, 0.3212, 0.3167



12.0177, 0.4880, 0.2462



1.1922, 0.4637, 0.2328

Inverse Universe

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



33.9115, 0.3989, 0.2506



28.6018, 0.4263, 0.2415



80.5683, 0.2411, 0.3347



18.1448, 0.3212, 0.3167



12.0177, 0.4880, 0.2462



1.1922, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 33.9098, 0.3989, 0.2506 looks on a white background.

Color Contrast Check

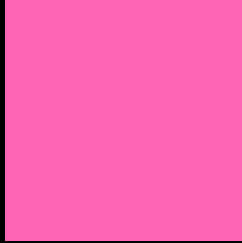
Large Text (above 18pt) WCAG AA × Fail

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 33.9098, 0.3989, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

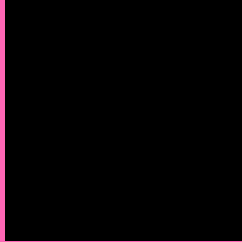
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9098, 0.3989, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 33.9098, 0.3989, 0.2506.



This preview shows how white text looks on a background with the Yxy color 33.9098, 0.3989, 0.2506.

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

33.9098, 0.3989, 0.2506

Protanopia

34.3279, 0.2503, 0.2441

Deuteranopia

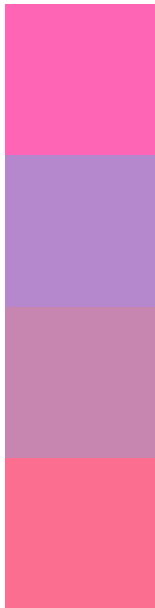
33.9066, 0.3072, 0.3005



Tritanopia

33.8313, 0.4632, 0.3213

Trichromacy



Original Color

33.9098, 0.3989, 0.2506

Protanomaly

31.8399, 0.2933, 0.2402

Deuteranomaly

32.1906, 0.3388, 0.2750

Tritanomaly

33.6747, 0.4409, 0.2946

Monochromacy



Original Color

33.9098, 0.3989, 0.2506

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

31.5314, 0.3438, 0.2904

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9098, 0.3989, 0.2506 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(254, 102, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 102, 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(254, 102, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 102, 181) }
```

Border

The CSS property to change the border of an element to Yxy 33.9098, 0.3989, 0.2506 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(254, 102, 181) }
```

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

```
.border{ border-color:rgb(254, 102, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 102, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 102, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 102, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 102,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9098, 0.3989, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 102, 181) }
```

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

```
.background{ background-color: rgb(254,  
102, 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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