

Converting Colors

Yxy(34.1134, 0.3753, 0.2397)

Have a look what the booklet for
Yxy(34.1134, 0.3753, 0.2397)
contains.

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Color

Yxy(33.9773, 0.3750, 0.2392)

Conversions

Conversions Part 1

Format	Color
Hex	F76AC2
RGB	247, 106, 194
RGB Percent	97%, 42%, 76%
CMY	0.0311, 0.5845, 0.2391
CMYK	0.00, 0.57, 0.21, 0.03
HSL	323°, 90%, 69%
HSV	323°, 57%, 97%
XYZ	53.2671, 33.9773, 54.8012
YIQ	158.1910, 55.7880, 57.2600

Conversions

Conversions Part 2

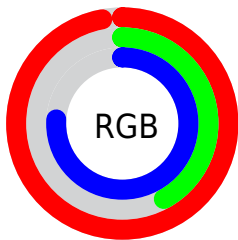
Format	Color
R _Y B	247, 106, 194
Decimal	16214722
CIE Lab	64.94, 63.33, -19.53
CIE LCh	65, 66.277, 342.863
Yxy	33.9773, 0.3750, 0.2392
Android (android.graphics.Color)	4294404802 (0xFFF76AC2)
YUV	158.1910, 17.6538, 77.8855
Hunter-Lab	58.2901, 61.1107, -14.9382

Details

The Yxy color **33.9773, 0.3750, 0.2392** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **72.1230, 0.2808, 0.4454**, and the grayscale version is **34.1776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4194, 0.3201, 0.2428**, and **14.4122, 0.3921, 0.2157** is the 20% darker color. If you saturate the color by 10%, you get **29.1980, 0.3911, 0.2281**, and if you desaturate by 10%, it is **40.2521, 0.3603, 0.2532**.

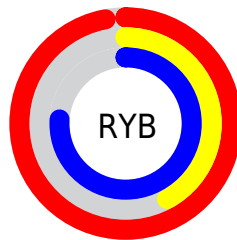
Distribution



Red (97%)

Green (42%)

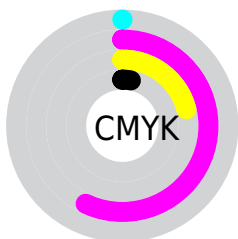
Blue (76%)



Red (97%)

Yellow (42%)

Blue (76%)

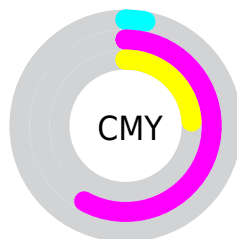


Cyan (0%)

Magenta (57%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9773, 0.3750, 0.2392 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 33.9773, 0.3750, 0.2392 by changing the saturation by 10% instead.


 33.9773, 0.3750,
0.2392


 33.9773, 0.3750,
0.2392


320.0308, 0.3441,
0.2827


 22.8762, 0.3826,
0.2288


 65.8984, 0.3639,
0.2547


 14.5021, 0.3922,
0.2159


 87.4871, 0.3597,
0.2606

 8.4707, 0.4048,
0.1991

 113.3405, 0.3561,
0.2656

 4.3976, 0.4221,
0.1770

 143.8429, 0.3530,
0.2700

 1.8984, 0.4468,
0.1465

179.3787, 0.3504,
0.2738

 0.5474, 0.4880,
0.0969

220.3324, 0.3480,

 0.0000, 0.5758,

0.2771

0.0000

267.0883, 0.3460,
0.2801

■ 0.0000, 0.0000,
0.0000

■ 33.9773, 0.3750,
0.2392

■ 33.9773, 0.3750,
0.2392

■ 29.1980, 0.3911,
0.2281

■ 40.2521, 0.3603,
0.2532

■ 25.7788, 0.4081,
0.2210

■ 48.1322, 0.3471,
0.2690

■ 23.5683, 0.4254,
0.2189

■ 57.7229, 0.3357,
0.2855

■ 22.3700, 0.4422,
0.2221

■ 69.1190, 0.3260,
0.3020

■ 22.1249, 0.4470,
0.2236

■ 82.4084, 0.3178,
0.3181

 97.6732, 0.3109,
0.3333

 98.5253, 0.3078,
0.3290

Harmonies

Analogous

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



33.9773, 0.2718, 0.1986



33.9773, 0.3750, 0.2392



33.9773, 0.4708, 0.2975

Triad

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



33.9773, 0.3750, 0.2392



33.9773, 0.4167, 0.4991



33.9773, 0.1468, 0.2423

Complementary

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



33.9773, 0.3750, 0.2392



72.1230, 0.2808, 0.4454

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.



33.9773, 0.1722, 0.3349



33.9773, 0.3750, 0.2392



33.9773, 0.3253, 0.5183

Square

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



33.9773, 0.3750, 0.2392



33.9773, 0.4873, 0.4354



33.9773, 0.2354, 0.4517



33.9773, 0.1554, 0.1943

Rectangle

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



33.9773, 0.3750, 0.2392



33.9773, 0.5062, 0.3416



33.9773, 0.2354, 0.4517



33.9773, 0.1513, 0.2681

Sweetspot

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



33.9790, 0.3750, 0.2392



74.3868, 0.3259, 0.3022



24.2547, 0.2382, 0.1606



15.3592, 0.3277, 0.2989



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.



33.9790, 0.3750, 0.2392



30.5274, 0.3945, 0.2263



31.5577, 0.4643, 0.3103



16.6565, 0.3196, 0.3143



11.7230, 0.4443, 0.2221



1.0502, 0.4247, 0.2113

Inverse Universe

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



33.9790, 0.3750, 0.2392



30.5274, 0.3945, 0.2263



75.2353, 0.2491, 0.3519



16.6565, 0.3196, 0.3143



11.7230, 0.4443, 0.2221



1.0502, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 33.9773, 0.3750, 0.2392 looks on a white background.

Color Contrast Check

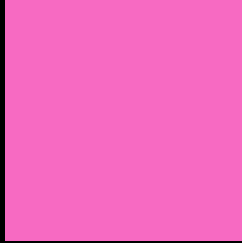
Large Text (above 18pt) WCAG AA × Fail

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 33.9773, 0.3750, 0.2392 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 33.9773, 0.3750, 0.2392

Background



This preview shows how black text looks on a background with the Yxy color 33.9773, 0.3750, 0.2392.



This preview shows how white text looks on a background with the Yxy color 33.9773, 0.3750, 0.2392.

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

33.9773, 0.3750, 0.2392

Protanopia

34.4767, 0.2390, 0.2299

Deuteranopia

34.0273, 0.2895, 0.2837



Tritanopia

33.9605, 0.4446, 0.3207

Trichromacy



Original Color

33.9773, 0.3750, 0.2392



Protanomaly

32.1854, 0.2770, 0.2282



Deuteranomaly

32.6418, 0.3179, 0.2619



Tritanomaly

33.8454, 0.4188, 0.2895

Monochromacy



Original Color

33.9773, 0.3750, 0.2392



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.3527, 0.3348, 0.2864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9773, 0.3750, 0.2392 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(247, 106, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 106, 194)  
}
```

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(247, 106, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 106, 194) }
```

Border

The CSS property to change the border of an element to Yxy 33.9773, 0.3750, 0.2392 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(247, 106, 194) }
```

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

```
.border{ border-color:rgb(247, 106, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 106, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 106, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 106, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 106,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9773, 0.3750, 0.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 106, 194) }
```

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

```
.background{ background-color: rgb(247,  
106, 194) }
```

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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