

Converting Colors

$Y_{xy}(34.0986, 0.3232, 0.1887)$

Have a look what the booklet for
Yxy(34.0986, 0.3232, 0.1887)
contains.

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Color

Yxy(34.0739, 0.3233, 0.1884)

Conversions

Conversions Part 1

Format	Color
Hex	F75DF3
RGB	247, 93, 243
RGB Percent	97%, 36%, 95%
CMY	0.0311, 0.6356, 0.0469
CMYK	0.00, 0.62, 0.02, 0.03
HSL	302°, 91%, 67%
HSV	302°, 62%, 97%
XYZ	58.4718, 34.0739, 88.3136
YIQ	156.1460, 43.6340, 79.2980

Conversions

Conversions Part 2

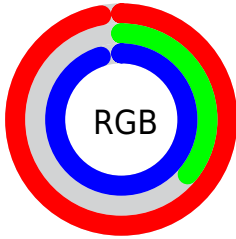
Format	Color
R _Y B	247, 93, 243
Decimal	16211443
CIE Lab	65.02, 76.02, -46.83
CIE LCh	65, 89.281, 328.367
Yxy	34.0739, 0.3233, 0.1884
Android (android.graphics.Color)	4294401523 (0xFFFF75DF3)
YUV	156.1460, 42.8190, 79.6790
Hunter-Lab	58.3729, 76.6502, -48.8402

Details

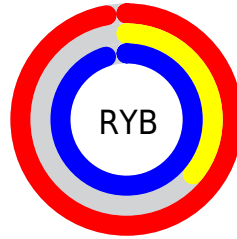
The Yxy color **34.0739, 0.3233, 0.1884** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **69.7508, 0.3018, 0.5270**, and the grayscale version is **33.0952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9365, 0.3174, 0.2293**, and **14.5426, 0.3221, 0.1584** is the 20% darker color. If you saturate the color by 10%, you get **30.3816, 0.3248, 0.1745**, and if you desaturate by 10%, it is **39.1694, 0.3217, 0.2062**.

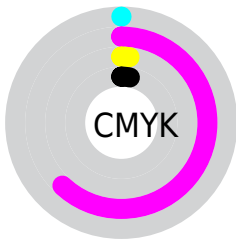
Distribution



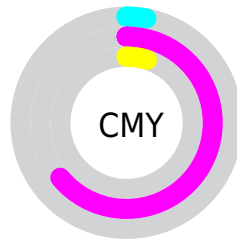
- Red (97%)
- Green (36%)
- Blue (95%)



- Red (97%)
- Yellow (36%)
- Blue (95%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (64%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0739, 0.3233, 0.1884 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 34.0739, 0.3233, 0.1884 by changing the saturation by 10% instead.


 34.0739, 0.3233,
0.1884


 34.0739, 0.3233,
0.1884


320.4614, 0.3214,
0.2519


 22.9504, 0.3229,
0.1747


 66.0486, 0.3233,
0.2099


 14.5569, 0.3220,
0.1582


 87.6685, 0.3231,
0.2184

 8.5090, 0.3202,
0.1382


 113.5560, 0.3228,
0.2258

 4.4223, 0.3166,
0.1139

 144.0956, 0.3225,
0.2323

 1.9125, 0.3095,
0.0844

179.6715, 0.3222,
0.2381

 0.5559, 0.2962,
0.0468

220.6682, 0.3219,

 0.0000, 0.2696,

0.2432

0.0000

267.4700, 0.3216,
0.2478

■ 0.0000, 0.1519,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.0739, 0.3233,
0.1884

■ 34.0739, 0.3233,
0.1884

■ 30.3816, 0.3248,
0.1745

■ 39.1694, 0.3217,
0.2062

■ 27.9472, 0.3260,
0.1649


■ 45.7854, 0.3199,
0.2272

■ 26.6024, 0.3270,
0.1596

■ 54.0322, 0.3182,
0.2503

■ 26.1139, 0.3277,
0.1579


■ 64.0084, 0.3164,
0.2746

 75.8051, 0.3147,
0.2992

 89.5068, 0.3131,
0.3234

 98.0574, 0.3121,
0.3362

 98.0976, 0.3117,
0.3356

 98.1379, 0.3113,
0.3349

Harmonies

Analogous

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



34.0739, 0.2065, 0.1540



34.0739, 0.3233, 0.1884



34.0739, 0.4667, 0.2481

Triad

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



34.0739, 0.3233, 0.1884



34.0739, 0.4803, 0.4944



34.0739, 0.1148, 0.2594

Complementary

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



34.0739, 0.3233, 0.1884



69.7508, 0.3018, 0.5270

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.



34.0739, 0.1619, 0.4128



34.0739, 0.3233, 0.1884



34.0739, 0.3713, 0.5761

Square

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



34.0739, 0.3233, 0.1884



34.0739, 0.5569, 0.4017



34.0739, 0.2564, 0.5634



34.0739, 0.1097, 0.1777

Rectangle

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



34.0739, 0.3233, 0.1884



34.0739, 0.5398, 0.2960



34.0739, 0.2564, 0.5634



34.0739, 0.1251, 0.3029

Sweetspot

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



34.0755, 0.3233, 0.1884



72.8064, 0.3158, 0.2828



16.9945, 0.1923, 0.1283



14.8440, 0.3163, 0.2758



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.



34.0755, 0.3233, 0.1884



31.8000, 0.3251, 0.1714



30.4084, 0.4117, 0.2539



16.7604, 0.3142, 0.3063



13.8052, 0.3276, 0.1578



1.2157, 0.3267, 0.1573

Inverse Universe

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



34.0755, 0.3233, 0.1884



31.8000, 0.3251, 0.1714



71.8888, 0.2696, 0.4280



16.7604, 0.3142, 0.3063



13.8052, 0.3276, 0.1578



1.2157, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 34.0739, 0.3233, 0.1884 looks on a white background.

Color Contrast Check

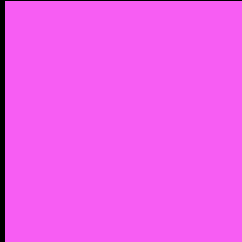
Large Text (above 18pt) WCAG AA × Fail

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 34.0739, 0.3233, 0.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

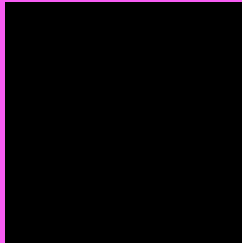
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0739, 0.3233, 0.1884

Background



This preview shows how black text looks on a background with the Yxy color 34.0739, 0.3233, 0.1884.



This preview shows how white text looks on a background with the Yxy color 34.0739, 0.3233, 0.1884.

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

34.0739, 0.3233, 0.1884

Protanopia

34.4446, 0.2172, 0.2016

Deuteranopia

34.3758, 0.2337, 0.2281



Tritanopia

33.8809, 0.4293, 0.3192

Trichromacy



Original Color

34.0739, 0.3233, 0.1884



Protanomaly

31.3601, 0.2446, 0.1872



Deuteranomaly

31.6524, 0.2592, 0.2039



Tritanomaly

33.2170, 0.3893, 0.2632

Monochromacy



Original Color

34.0739, 0.3233, 0.1884



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

31.2247, 0.3171, 0.2575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0739, 0.3233, 0.1884 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, 93, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 93, 243)  
}
```

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, 93, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 93, 243) }
```

Border

The CSS property to change the border of an element to Yxy 34.0739, 0.3233, 0.1884 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, 93, 243) }
```

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

```
.border{ border-color:rgb(247, 93, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 93, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 93, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 93, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 93,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0739, 0.3233, 0.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 93, 243) }
```

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

```
.background{ background-color: rgb(247, 93,  
243) }
```

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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