

Converting Colors

Yxy(34.3601, 0.3880, 0.2498)

Have a look what the booklet for
Yxy(34.3601, 0.3880, 0.2498)
contains.

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Color

Yxy(34.3422, 0.3887, 0.2498)

Conversions

Conversions Part 1

Format	Color
Hex	FA6BB9
RGB	250, 107, 185
RGB Percent	98%, 42%, 73%
CMY	0.0196, 0.5804, 0.2746
CMYK	0.00, 0.57, 0.26, 0.02
HSL	327°, 93%, 70%
HSV	327°, 57%, 98%
XYZ	53.4380, 34.3422, 49.6986
YIQ	158.6490, 60.1900, 54.5740

Conversions

Conversions Part 2

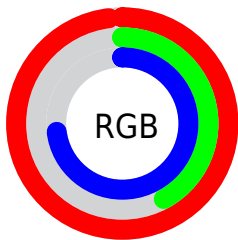
Format	Color
R _Y B	250, 107, 185
Decimal	16411577
CIE Lab	65.23, 62.53, -13.93
CIE LCh	65, 64.064, 347.439
Yxy	34.3422, 0.3887, 0.2498
Android (android.graphics.Color)	4294601657 (0xFFFA6BB9)
YUV	158.6490, 12.9910, 80.1148
Hunter-Lab	58.6022, 60.2161, -9.2603

Details

The Yxy color **34.3422, 0.3887, 0.2498** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **74.4799, 0.2756, 0.4303**, and the grayscale version is **34.4229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1618, 0.3281, 0.2525**, and **14.7270, 0.4104, 0.2285** is the 20% darker color. If you saturate the color by 10%, you get **29.4014, 0.4091, 0.2403**, and if you desaturate by 10%, it is **40.8312, 0.3703, 0.2621**.

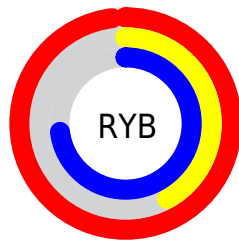
Distribution



Red (98%)

Green (42%)

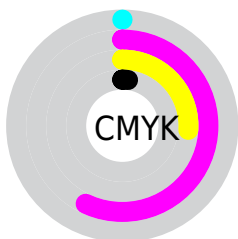
Blue (73%)



Red (98%)

Yellow (42%)

Blue (73%)

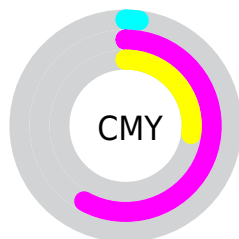


Cyan (0%)

Magenta (57%)

Yellow (26%)

Black (2%)



Cyan (2%)


Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3422, 0.3887, 0.2498 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 34.3422, 0.3887, 0.2498 by changing the saturation by 10% instead.


 34.3422, 0.3887,
0.2498


 34.3422, 0.3887,
0.2498


321.6552, 0.3503,
0.2887


 23.1566, 0.3984,
0.2404


 66.4655, 0.3747,
0.2638


 14.7092, 0.4109,
0.2284


 88.1719, 0.3694,
0.2691

 8.6155, 0.4275,
0.2129


 114.1541, 0.3650,
0.2736

 4.4913, 0.4506,
0.1919

 144.7965, 0.3612,
0.2774

 1.9520, 0.4849,
0.1624

180.4834, 0.3579,
0.2808

 0.5794, 0.5433,
0.1132

221.5992, 0.3550,


 0.0000, 0.7222,


0.2838


0.0000


268.5284, 0.3525,
0.2864


 0.0000, 0.0000,
0.0000


 34.3422, 0.3887,
0.2498


 34.3422, 0.3887,
0.2498


 29.4014, 0.4091,
0.2403


 40.8312, 0.3703,
0.2621

 25.8690, 0.4309,
0.2350


 48.9822, 0.3541,
0.2760

 23.5884, 0.4530,
0.2347

 58.9039, 0.3402,
0.2906

 22.3556, 0.4744,
0.2400

 70.6944, 0.3285,
0.3052

 22.1113, 0.4804,
0.2420

 84.4445, 0.3187,
0.3193

98.9487, 0.3107,
0.3307

99.0647, 0.3096,
0.3290

Harmonies

Analogous

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



34.3422, 0.2874, 0.2069



34.3422, 0.3887, 0.2498



34.3422, 0.4754, 0.3087

Triad

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



34.3422, 0.3887, 0.2498



34.3422, 0.4018, 0.5006



34.3422, 0.1508, 0.2358

Complementary

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



34.3422, 0.3887, 0.2498



74.4799, 0.2756, 0.4303

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.



34.3422, 0.1705, 0.3189



34.3422, 0.3887, 0.2498



34.3422, 0.3118, 0.5065

Square

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



34.3422, 0.3887, 0.2498



34.3422, 0.4742, 0.4438



34.3422, 0.2269, 0.4307



34.3422, 0.1638, 0.1947

Rectangle

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



34.3422, 0.3887, 0.2498



34.3422, 0.5032, 0.3524



34.3422, 0.2269, 0.4307



34.3422, 0.1535, 0.2586

Sweetspot

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



34.3439, 0.3887, 0.2498



74.1869, 0.3283, 0.3055



26.1178, 0.2478, 0.1644



15.3120, 0.3305, 0.3026



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.



34.3439, 0.3887, 0.2498



29.9538, 0.4131, 0.2390



32.0606, 0.4800, 0.3224



17.3836, 0.3208, 0.3161



11.7575, 0.4771, 0.2402



1.1103, 0.4532, 0.2270

Inverse Universe

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



34.3439, 0.3887, 0.2498



29.9538, 0.4131, 0.2390



77.9622, 0.2441, 0.3373



17.3836, 0.3208, 0.3161



11.7575, 0.4771, 0.2402



1.1103, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 34.3422, 0.3887, 0.2498 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 34.3422, 0.3887, 0.2498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

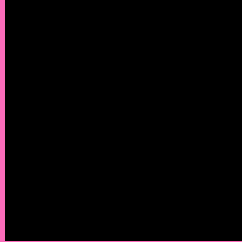
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3422, 0.3887, 0.2498

Background



This preview shows how black text looks on a background with the Yxy color 34.3422, 0.3887, 0.2498.



This preview shows how white text looks on a background with the Yxy color 34.3422, 0.3887, 0.2498.

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

34.3422, 0.3887, 0.2498

Protanopia

34.8567, 0.2499, 0.2434

Deuteranopia

34.2849, 0.3027, 0.2964



Tritanopia

34.4039, 0.4503, 0.3210

Trichromacy



Original Color

34.3422, 0.3887, 0.2498



Protanomaly

32.6735, 0.2907, 0.2416



Deuteranomaly

32.9224, 0.3321, 0.2737



Tritanomaly

34.2056, 0.4284, 0.2935

Monochromacy



Original Color

34.3422, 0.3887, 0.2498



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

32.7898, 0.3399, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3422, 0.3887, 0.2498 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(250, 107, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 185)  
}
```

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(250, 107, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 185) }
```

Border

The CSS property to change the border of an element to Yxy 34.3422, 0.3887, 0.2498 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(250, 107, 185) }
```

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

```
.border{ border-color:rgb(250, 107, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 107, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3422, 0.3887, 0.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 185) }
```

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

```
.background{ background-color: rgb(250,  
107, 185) }
```

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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