

Converting Colors

Yxy(34.9347, 0.3592, 0.2165)

Have a look what the booklet for
Yxy(34.9347, 0.3592, 0.2165)
contains.

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Color

Yxy(34.9532, 0.3589, 0.2163)

Conversions

Conversions Part 1

Format	Color
Hex	FF62D8
RGB	255, 98, 216
RGB Percent	100%, 38%, 85%
CMY	0.0001, 0.6156, 0.1530
CMYK	0.00, 0.62, 0.15, 0.00
HSL	315°, 100%, 69%
HSV	315°, 62%, 100%
XYZ	57.9968, 34.9532, 68.6460
YIQ	158.3950, 55.6940, 69.9820

Conversions

Conversions Part 2

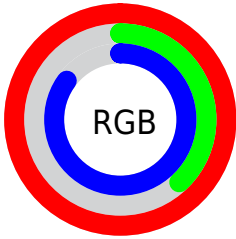
Format	Color
R _Y B	255, 98, 216
Decimal	16736984
CIE Lab	65.71, 71.88, -30.61
CIE LCh	66, 78.129, 336.934
Yxy	34.9532, 0.3589, 0.2163
Android (android.graphics.Color)	4294927064 (0xFFFF62D8)
YUV	158.3950, 28.3993, 84.7226
Hunter-Lab	59.1212, 71.6429, -27.4570

Details

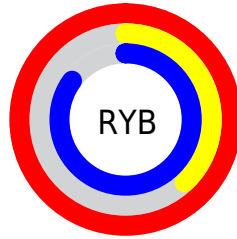
The Yxy color **34.9532, 0.3589, 0.2163** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **75.9161, 0.2883, 0.4830**, and the grayscale version is **34.2345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5939, 0.3172, 0.2338**, and **15.1039, 0.3694, 0.1898** is the 20% darker color. If you saturate the color by 10%, you get **30.5964, 0.3690, 0.2046**, and if you desaturate by 10%, it is **40.8452, 0.3492, 0.2315**.

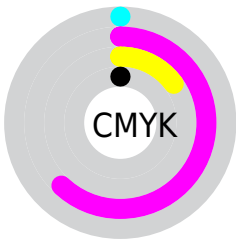
Distribution



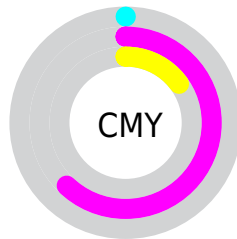
- Red (100%)
- Green (38%)
- Blue (85%)



- Red (100%)
- Yellow (38%)
- Blue (85%)



- Cyan (0%)
- Magenta (62%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (62%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9532, 0.3589, 0.2163 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 34.9532, 0.3589, 0.2163 by changing the saturation by 10% instead.


 34.9532, 0.3589,
0.2163


 34.9532, 0.3589,
0.2163


324.3617, 0.3376,
0.2690


 23.6268, 0.3637,
0.2043


 67.4133, 0.3516,
0.2346

 15.0570, 0.3694,
0.1897


 89.3157, 0.3487,
0.2417

 8.8594, 0.3766,
0.1713


 115.5124, 0.3462,
0.2478

 4.6496, 0.3855,
0.1479

 146.3876, 0.3441,
0.2531

 2.0432, 0.3968,
0.1175

182.3257, 0.3422,
0.2578

 0.6324, 0.4118,
0.0756

223.7112, 0.3405,

 0.0000, 0.4384,

0.2620

0.0000

270.9284, 0.3390,
0.2657

■ 0.0000, 0.3756,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.9532, 0.3589,
0.2163

■ 34.9532, 0.3589,
0.2163

■ 30.5964, 0.3690,
0.2046

■ 40.8452, 0.3492,
0.2315

■ 27.6196, 0.3793,
0.1974

■ 48.3979, 0.3402,
0.2492


■ 25.8437, 0.3893,
0.1950

■ 57.7296, 0.3321,
0.2683

■ 25.0467, 0.3975,
0.1963

■ 68.9463, 0.3250,
0.2879

 82.1458, 0.3188,
0.3074

 97.4190, 0.3135,
0.3262

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



34.9532, 0.2446, 0.1768



34.9532, 0.3589, 0.2163



34.9532, 0.4782, 0.2769

Triad

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



34.9532, 0.3589, 0.2163



34.9532, 0.4436, 0.5063



34.9532, 0.1288, 0.2433

Complementary

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



34.9532, 0.3589, 0.2163



75.9161, 0.2883, 0.4830

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.



34.9532, 0.1625, 0.3606



34.9532, 0.3589, 0.2163



34.9532, 0.3425, 0.5535

Square

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



34.9532, 0.3589, 0.2163



34.9532, 0.5197, 0.4258



34.9532, 0.2394, 0.4997



34.9532, 0.1322, 0.1827

Rectangle

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



34.9532, 0.3589, 0.2163



34.9532, 0.5285, 0.3236



34.9532, 0.2394, 0.4997



34.9532, 0.1354, 0.2760

Sweetspot

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



34.9549, 0.3589, 0.2163



73.4171, 0.3227, 0.2949



21.0815, 0.2151, 0.1402



14.9287, 0.3246, 0.2892



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.



34.9549, 0.3589, 0.2163



29.7512, 0.3715, 0.2024



31.8877, 0.4555, 0.2886



18.2187, 0.3176, 0.3113



13.1142, 0.3959, 0.1955



1.2943, 0.3855, 0.1897

Inverse Universe

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



34.9549, 0.3589, 0.2163



29.7512, 0.3715, 0.2024



78.9199, 0.2549, 0.3808



18.2187, 0.3176, 0.3113



13.1142, 0.3959, 0.1955



1.2943, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 34.9532, 0.3589, 0.2163 looks on a white background.

Color Contrast Check

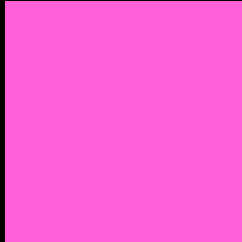
Large Text (above 18pt) WCAG AA × Fail

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 34.9532, 0.3589, 0.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

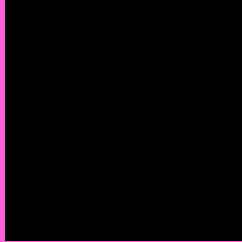
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9532, 0.3589, 0.2163

Background



This preview shows how black text looks on a background with the Yxy color 34.9532, 0.3589, 0.2163.



This preview shows how white text looks on a background with the Yxy color 34.9532, 0.3589, 0.2163.

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

34.9532, 0.3589, 0.2163

Protanopia

35.4715, 0.2204, 0.2050

Deuteranopia

35.1030, 0.2661, 0.2602



Tritanopia

34.8526, 0.4495, 0.3210

Trichromacy



Original Color

34.9532, 0.3589, 0.2163



Protanomaly

32.5052, 0.2561, 0.2018



Deuteranomaly

32.9528, 0.2956, 0.2366



Tritanomaly

34.5232, 0.4159, 0.2793

Monochromacy



Original Color

34.9532, 0.3589, 0.2163



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.2004, 0.3301, 0.2730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9532, 0.3589, 0.2163 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, 98, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 216)  
}
```

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, 98, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 216) }
```

Border

The CSS property to change the border of an element to Yxy 34.9532, 0.3589, 0.2163 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, 98, 216) }
```

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

```
.border{ border-color:rgb(255, 98, 216) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9532, 0.3589, 0.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 216) }
```

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

```
.background{ background-color: rgb(255, 98,  
216) }
```

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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