

Converting Colors

$Yxy(35.9606, 0.3495, 0.2187)$

Have a look what the booklet for
Yxy(35.9606, 0.3495, 0.2187)
contains.

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Color

Yxy(35.9539, 0.3497, 0.2188)

Conversions

Conversions Part 1

Format	Color
Hex	FA6BDB
RGB	250, 107, 219
RGB Percent	98%, 42%, 86%
CMY	0.0196, 0.5803, 0.1413
CMYK	0.00, 0.57, 0.12, 0.02
HSL	313°, 93%, 70%
HSV	313°, 57%, 98%
XYZ	57.4638, 35.9539, 70.9054
YIQ	162.5250, 49.2760, 65.1480

Conversions

Conversions Part 2

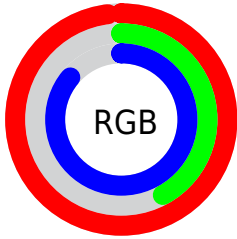
Format	Color
R _Y B	250, 107, 219
Decimal	16411611
CIE Lab	66.48, 67.25, -31.14
CIE LCh	66, 74.110, 335.154
Yxy	35.9539, 0.3497, 0.2188
Android (android.graphics.Color)	4294601691 (0xFFFA6BDB)
YUV	162.5250, 27.8422, 76.7156
Hunter-Lab	59.9616, 66.1316, -28.1382

Details

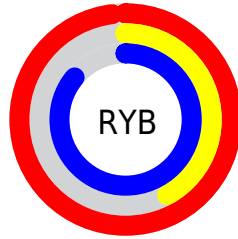
The Yxy color **35.9539, 0.3497, 0.2188** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **73.3332, 0.2911, 0.4761**, and the grayscale version is **36.2425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0309, 0.3169, 0.2403**, and **15.5815, 0.3565, 0.1921** is the 20% darker color. If you saturate the color by 10%, you get **31.1927, 0.3583, 0.2050**, and if you desaturate by 10%, it is **42.2343, 0.3415, 0.2358**.

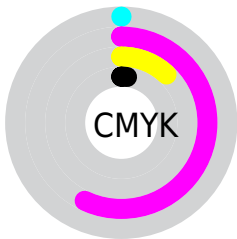
Distribution



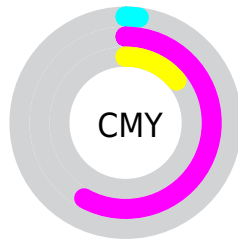
- Red (98%)
- Green (42%)
- Blue (86%)



- Red (98%)
- Yellow (42%)
- Blue (86%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9539, 0.3497, 0.2188 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 35.9539, 0.3497, 0.2188 by changing the saturation by 10% instead.

 35.9539, 0.3497,
0.2188


 35.9539, 0.3497,
0.2188


328.7590, 0.3331,
0.2702

 24.3986, 0.3533,
0.2071


 68.9609, 0.3441,
0.2366


 15.6296, 0.3576,
0.1928


 91.1814, 0.3418,
0.2436

 9.2624, 0.3628,
0.1749


 117.7257, 0.3399,
0.2496

 4.9127, 0.3691,
0.1520

 148.9783, 0.3382,
0.2548

 2.1962, 0.3767,
0.1222

185.3235, 0.3367,
0.2594

 0.7179, 0.3853,
0.0822

227.1458, 0.3353,

 0.0000, 0.4043,

0.2634

0.0000

274.8295, 0.3341,
0.2670

■ 0.0000, 0.2861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.9539, 0.3497,
0.2188

■ 35.9539, 0.3497,
0.2188

■ 31.1927, 0.3583,
0.2050

■ 42.2343, 0.3415,
0.2358

■ 27.8115, 0.3670,
0.1952


■ 50.1467, 0.3340,
0.2548


■ 25.6546, 0.3756,
0.1901


■ 59.7992, 0.3272,
0.2749

■ 24.5193, 0.3839,
0.1897

■ 71.2891, 0.3212,
0.2952

 24.2973, 0.3862,
0.1901

 84.7065, 0.3160,
0.3152

 98.8415, 0.3116,
0.3323

 99.0636, 0.3096,
0.3290

Harmonies

Analogous

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



35.9539, 0.2431, 0.1820



35.9539, 0.3497, 0.2188



35.9539, 0.4628, 0.2765

Triad

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



35.9539, 0.3497, 0.2188



35.9539, 0.4448, 0.4952



35.9539, 0.1379, 0.2541

Complementary

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



35.9539, 0.3497, 0.2188



73.3332, 0.2911, 0.4761

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.



35.9539, 0.1737, 0.3674



35.9539, 0.3497, 0.2188



35.9539, 0.3494, 0.5395

Square

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



35.9539, 0.3497, 0.2188



35.9539, 0.5133, 0.4198



35.9539, 0.2502, 0.4937



35.9539, 0.1388, 0.1923

Rectangle

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



35.9539, 0.3497, 0.2188



35.9539, 0.5133, 0.3215



35.9539, 0.2502, 0.4937



35.9539, 0.1454, 0.2864

Sweetspot

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



35.9556, 0.3497, 0.2188



74.8009, 0.3211, 0.2956



22.8244, 0.2216, 0.1533



15.4575, 0.3222, 0.2915



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.



35.9556, 0.3497, 0.2188



31.8592, 0.3599, 0.2028



32.9662, 0.4366, 0.2879



17.4563, 0.3171, 0.3106



12.9106, 0.3849, 0.1894



1.2112, 0.3757, 0.1843

Inverse Universe

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



35.9556, 0.3497, 0.2188



31.8592, 0.3599, 0.2028



76.1244, 0.2584, 0.3796



17.4563, 0.3171, 0.3106



12.9106, 0.3849, 0.1894



1.2112, 0.3757, 0.1843

Previews

White Background



This preview shows how the Yxy color 35.9539, 0.3497, 0.2188 looks on a white background.

Color Contrast Check

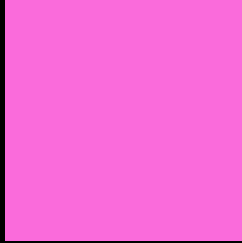
Large Text (above 18pt) WCAG AA × Fail

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 35.9539, 0.3497, 0.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

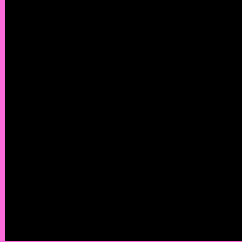
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9539, 0.3497, 0.2188

Background



This preview shows how black text looks on a background with the Yxy color 35.9539, 0.3497, 0.2188.



This preview shows how white text looks on a background with the Yxy color 35.9539, 0.3497, 0.2188.

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

35.9539, 0.3497, 0.2188

Protanopia

36.4519, 0.2230, 0.2082

Deuteranopia

36.1248, 0.2658, 0.2597



Tritanopia

35.6857, 0.4317, 0.3184

Trichromacy



Original Color

35.9539, 0.3497, 0.2188



Protanomaly

33.8249, 0.2568, 0.2058



Deuteranomaly

34.2516, 0.2931, 0.2383



Tritanomaly

35.4561, 0.4010, 0.2788

Monochromacy



Original Color

35.9539, 0.3497, 0.2188



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.6659, 0.3273, 0.2776

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9539, 0.3497, 0.2188 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 219) }
```

Border

The CSS property to change the border of an element to Yxy 35.9539, 0.3497, 0.2188 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, 219) }
```

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

```
.border{ border-color:rgb(250, 107, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9539, 0.3497, 0.2188 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, 219) }
```

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

```
.background{ background-color: rgb(250,  
107, 219) }
```

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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