

Converting Colors

$Yxy(36.9377, 0.3496, 0.2273)$

Have a look what the booklet for
Yxy(36.9377, 0.3496, 0.2273)
contains.

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Color

Yxy(36.9419, 0.3501, 0.2279)

Conversions

Conversions Part 1

Format	Color
Hex	F773D7
RGB	247, 115, 215
RGB Percent	97%, 45%, 84%
CMY	0.0314, 0.5490, 0.1570
CMYK	0.00, 0.53, 0.13, 0.03
HSL	315°, 89%, 71%
HSV	315°, 53%, 97%
XYZ	56.7502, 36.9419, 68.4049
YIQ	165.8680, 46.5720, 59.0840

Conversions

Conversions Part 2

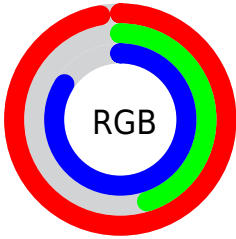
Format	Color
R _Y B	247, 115, 215
Decimal	16217047
CIE Lab	67.23, 62.27, -27.79
CIE LCh	67, 68.184, 335.950
Yxy	36.9419, 0.3501, 0.2279
Android (android.graphics.Color)	4294407127 (0xFFFF773D7)
YUV	165.8680, 24.2221, 71.1528
Hunter-Lab	60.7798, 60.3007, -24.1823

Details

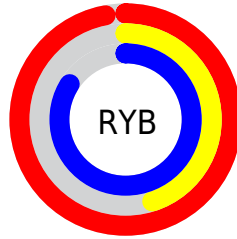
The Yxy color **36.9419, 0.3501, 0.2279** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **72.2754, 0.2904, 0.4602**, and the grayscale version is **37.9323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6058, 0.3166, 0.2469**, and **16.2555, 0.3586, 0.2039** is the 20% darker color. If you saturate the color by 10%, you get **31.7418, 0.3596, 0.2132**, and if you desaturate by 10%, it is **43.6656, 0.3412, 0.2453**.

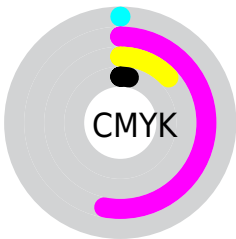
Distribution



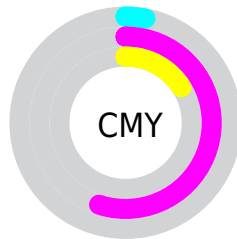
- Red (97%)
- Green (45%)
- Blue (84%)



- Red (97%)
- Yellow (45%)
- Blue (84%)



- Cyan (0%)
- Magenta (53%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9419, 0.3501, 0.2279 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 36.9419, 0.3501, 0.2279 by changing the saturation by 10% instead.


 36.9419, 0.3501,
0.2279


 36.9419, 0.3501,
0.2279


333.0589, 0.3329,
0.2754

 25.1625, 0.3539,
0.2170


 70.4834, 0.3442,
0.2445

 16.1982, 0.3586,
0.2035


 93.0143, 0.3419,
0.2509

 9.6645, 0.3644,
0.1865


 119.8979, 0.3399,
0.2564

 5.1771, 0.3716,
0.1646

151.5185, 0.3381,
0.2612

 2.3515, 0.3807,
0.1356

188.2605, 0.3366,
0.2654

 0.8008, 0.3921,
0.0964

230.5083, 0.3352,

 0.0000, 0.4227,

0.2692

0.0000

278.6463, 0.3340,
0.2725

■ 0.0000, 0.3044,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.9419, 0.3501,
0.2279

■ 36.9419, 0.3501,
0.2279

■ 31.7418, 0.3596,
0.2132

■ 43.6656, 0.3412,
0.2453

■ 27.9363, 0.3695,
0.2022


■ 52.0177, 0.3331,
0.2643


■ 25.3844, 0.3794,
0.1957


■ 62.0995, 0.3260,
0.2840


■ 23.9120, 0.3891,
0.1940

■ 74.0028, 0.3197,
0.3036

 23.3640, 0.3953,
0.1951

 87.8129, 0.3144,
0.3227

 98.2551, 0.3101,
0.3329

 98.5141, 0.3078,
0.3290

Harmonies

Analogous

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



36.9419, 0.2512, 0.1925



36.9419, 0.3501, 0.2279



36.9419, 0.4522, 0.2830

Triad

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



36.9419, 0.3501, 0.2279



36.9419, 0.4357, 0.4866



36.9419, 0.1494, 0.2595

Complementary

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



36.9419, 0.3501, 0.2279



72.2754, 0.2904, 0.4602

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.



36.9419, 0.1834, 0.3617



36.9419, 0.3501, 0.2279



36.9419, 0.3471, 0.5208

Square

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



36.9419, 0.3501, 0.2279



36.9419, 0.4982, 0.4190



36.9419, 0.2546, 0.4745



36.9419, 0.1506, 0.2018

Rectangle

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



36.9419, 0.3501, 0.2279



36.9419, 0.4975, 0.3261



36.9419, 0.2546, 0.4745



36.9419, 0.1565, 0.2890

Sweetspot

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



36.9437, 0.3501, 0.2279



76.0529, 0.3213, 0.2986



25.0743, 0.2304, 0.1663



15.7015, 0.3225, 0.2945



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.



36.9437, 0.3501, 0.2279



33.8059, 0.3603, 0.2123



34.2480, 0.4268, 0.2923



16.6955, 0.3175, 0.3112



12.3800, 0.3937, 0.1943



1.1041, 0.3826, 0.1882

Inverse Universe

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



36.9437, 0.3501, 0.2279



33.8059, 0.3603, 0.2123



74.9108, 0.2597, 0.3727



16.6955, 0.3175, 0.3112



12.3800, 0.3937, 0.1943



1.1041, 0.3826, 0.1882

Previews

White Background



This preview shows how the Yxy color 36.9419, 0.3501, 0.2279 looks on a white background.

Color Contrast Check

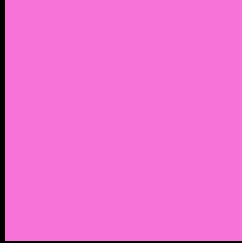
Large Text (above 18pt) WCAG AA × Fail

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 36.9419, 0.3501, 0.2279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

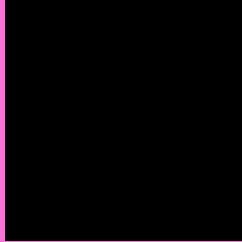
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9419, 0.3501, 0.2279

Background



This preview shows how black text looks on a background with the Yxy color 36.9419, 0.3501, 0.2279.

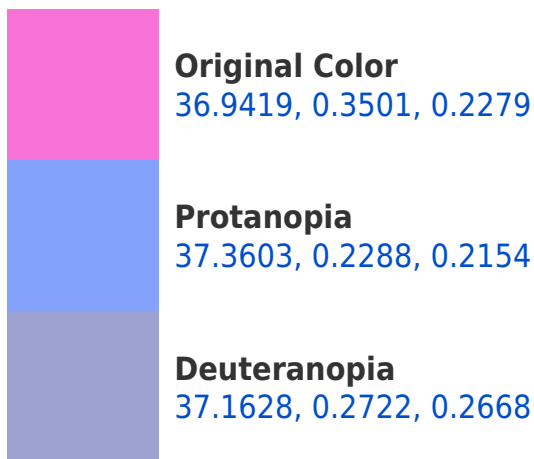


This preview shows how white text looks on a background with the Yxy color 36.9419, 0.3501, 0.2279.

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





Tritanopia

36.8062, 0.4213, 0.3182

Trichromacy



Original Color

36.9419, 0.3501, 0.2279



Protanomaly

35.1182, 0.2623, 0.2149



Deuteranomaly

35.5468, 0.2976, 0.2469



Tritanomaly

36.6635, 0.3947, 0.2824

Monochromacy



Original Color

36.9419, 0.3501, 0.2279



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

35.9302, 0.3259, 0.2816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9419, 0.3501, 0.2279 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, 115, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 115, 215)  
}
```

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, 115, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 115, 215) }
```

Border

The CSS property to change the border of an element to Yxy 36.9419, 0.3501, 0.2279 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, 115, 215) }
```

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

```
.border{ border-color:rgb(247, 115, 215) }
```

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

Here you see how a box with a 4 pixel rgb(247, 115, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 115, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 115, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 115,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9419, 0.3501, 0.2279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 115, 215) }
```

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

```
.background{ background-color: rgb(247,  
115, 215) }
```

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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