

Converting Colors

$Y_{xy}(36.0939, 0.3444, 0.2225)$

Have a look what the booklet for
Yxy(36.0939, 0.3444, 0.2225)
contains.

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Color

Yxy(36.1053, 0.3442, 0.2224)

Conversions

Conversions Part 1

Format	Color
Hex	F471DA
RGB	244, 113, 218
RGB Percent	96%, 44%, 85%
CMY	0.0430, 0.5570, 0.1451
CMYK	0.00, 0.54, 0.11, 0.04
HSL	312°, 86%, 70%
HSV	312°, 54%, 96%
XYZ	55.8788, 36.1053, 70.3599
YIQ	164.1390, 44.3710, 60.4270

Conversions

Conversions Part 2

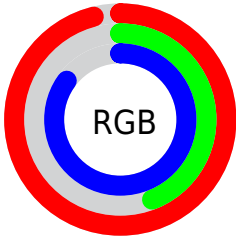
Format	Color
RYB	244, 113, 218
Decimal	16019930
CIELab	66.60, 62.83, -30.49
CIElCh	67, 69.838, 334.109
Yxy	36.1053, 0.3442, 0.2224
Android (android.graphics.Color)	4294210010 (0xFFFF471DA)
YUV	164.1390, 26.5535, 70.0381
Hunter-Lab	60.0877, 60.8434, -27.3644

Details

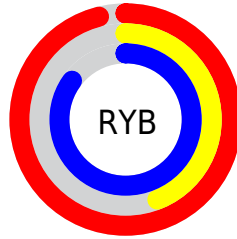
The Yxy color **36.1053, 0.3442, 0.2224** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70.0976, 0.2930, 0.4686**, and the grayscale version is **37.0475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8559, 0.3167, 0.2450**, and **15.6910, 0.3503, 0.1964** is the 20% darker color. If you saturate the color by 10%, you get **31.1259, 0.3519, 0.2071**, and if you desaturate by 10%, it is **42.5590, 0.3369, 0.2405**.

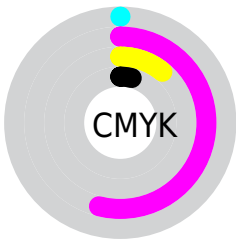
Distribution



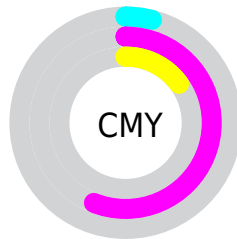
- Red (96%)
- Green (44%)
- Blue (85%)



- Red (96%)
- Yellow (44%)
- Blue (85%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1053, 0.3442, 0.2224 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 36.1053, 0.3442, 0.2224 by changing the saturation by 10% instead.


 36.1053, 0.3442,
0.2224


 36.1053, 0.3442,
0.2224


329.4206, 0.3302,
0.2724


 24.5155, 0.3472,
0.2110


 69.1946, 0.3395,
0.2398

 15.7165, 0.3507,
0.1969


 91.4628, 0.3376,
0.2465

 9.3238, 0.3549,
0.1793


 118.0594, 0.3360,
0.2524

 4.9530, 0.3600,
0.1566

149.3687, 0.3345,
0.2574

 2.2197, 0.3657,
0.1270

185.7750, 0.3333,
0.2618

 0.7307, 0.3715,
0.0868

227.6629, 0.3321,

 0.0000, 0.3867,

0.2658

0.0000

275.4166, 0.3311,
0.2693

0.0000, 0.1932,
0.0000

0.0000, 0.0000,
0.0000

36.1053, 0.3442,
0.2224

36.1053, 0.3442,
0.2224

31.1259, 0.3519,
0.2071

42.5590, 0.3369,
0.2405

27.4953, 0.3598,
0.1956


50.5889, 0.3302,
0.2603


25.0759, 0.3676,
0.1885


60.2937, 0.3242,
0.2810


23.6979, 0.3751,
0.1861


71.7625, 0.3189,
0.3017

 23.2061, 0.3797,
0.1865

 85.0784, 0.3143,
0.3218

 97.4808, 0.3105,
0.3367

 97.7841, 0.3077,
0.3320

 97.9799, 0.3060,
0.3290

Harmonies

Analogous

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



36.1053, 0.2440, 0.1877



36.1053, 0.3442, 0.2224



36.1053, 0.4510, 0.2776

Triad

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



36.1053, 0.3442, 0.2224



36.1053, 0.4430, 0.4864



36.1053, 0.1464, 0.2621

Complementary

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



36.1053, 0.3442, 0.2224



70.0976, 0.2930, 0.4686

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.



36.1053, 0.1830, 0.3701



36.1053, 0.3442, 0.2224



36.1053, 0.3530, 0.5268

Square

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



36.1053, 0.3442, 0.2224



36.1053, 0.5054, 0.4156



36.1053, 0.2578, 0.4856



36.1053, 0.1457, 0.2006

Rectangle

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



36.1053, 0.3442, 0.2224



36.1053, 0.5002, 0.3211



36.1053, 0.2578, 0.4856



36.1053, 0.1543, 0.2934

Sweetspot

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



36.1070, 0.3442, 0.2224



76.1635, 0.3200, 0.2969



23.6572, 0.2250, 0.1635



15.7281, 0.3211, 0.2926



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.



36.1070, 0.3442, 0.2224



34.1853, 0.3523, 0.2065



33.3936, 0.4192, 0.2851



16.7086, 0.3168, 0.3102



12.6336, 0.3786, 0.1859



1.1244, 0.3700, 0.1812

Inverse Universe

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



36.1070, 0.3442, 0.2224



34.1853, 0.3523, 0.2065



72.5231, 0.2626, 0.3817



16.7086, 0.3168, 0.3102



12.6336, 0.3786, 0.1859



1.1244, 0.3700, 0.1812

Previews

White Background



This preview shows how the Yxy color 36.1053, 0.3442, 0.2224 looks on a white background.

Color Contrast Check

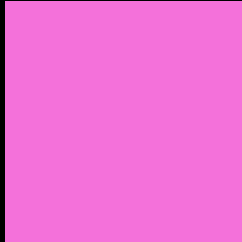
Large Text (above 18pt) WCAG AA × Fail

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 36.1053, 0.3442, 0.2224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

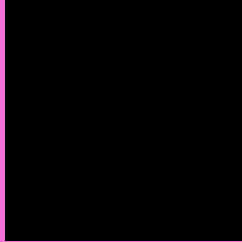
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1053, 0.3442, 0.2224

Background



This preview shows how black text looks on a background with the Yxy color 36.1053, 0.3442, 0.2224.

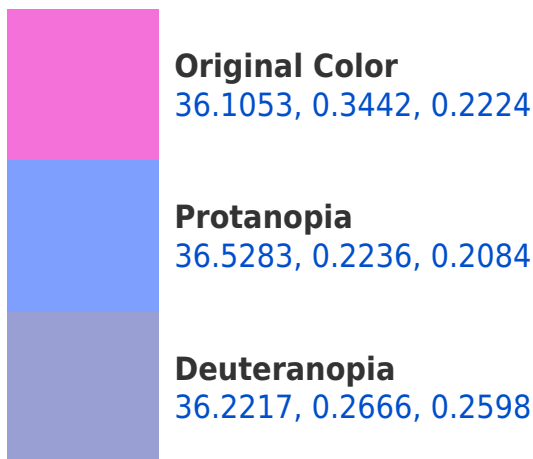


This preview shows how white text looks on a background with the Yxy color 36.1053, 0.3442, 0.2224.

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

35.9886, 0.4200, 0.3181

Trichromacy



Original Color

36.1053, 0.3442, 0.2224



Protanomaly

34.3029, 0.2563, 0.2079



Deuteranomaly

34.5892, 0.2913, 0.2403



Tritanomaly

35.6306, 0.3923, 0.2797

Monochromacy



Original Color

36.1053, 0.3442, 0.2224



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.0489, 0.3241, 0.2786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1053, 0.3442, 0.2224 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(244, 113, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 113, 218)  
}
```

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(244, 113, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 113, 218) }
```

Border

The CSS property to change the border of an element to Yxy 36.1053, 0.3442, 0.2224 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(244, 113, 218) }
```

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

```
.border{ border-color:rgb(244, 113, 218) }
```

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

Here you see how a box with a 4 pixel rgb(244, 113, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 113, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 113, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 113,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1053, 0.3442, 0.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 113, 218) }
```

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

```
.background{ background-color: rgb(244,  
113, 218) }
```

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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