

Converting Colors

$Y_{xy}(36.7889, 0.4105, 0.2900)$

Have a look what the booklet for
Yxy(36.7889, 0.4105, 0.2900)
contains.

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Color

Yxy(36.7627, 0.4100, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	F77CA1
RGB	247, 124, 161
RGB Percent	97%, 49%, 63%
CMY	0.0312, 0.5138, 0.3685
CMYK	0.00, 0.50, 0.35, 0.03
HSL	342°, 89%, 73%
HSV	342°, 50%, 97%
XYZ	52.0107, 36.7627, 38.0820
YIQ	164.9950, 61.4310, 37.5830

Conversions

Conversions Part 2

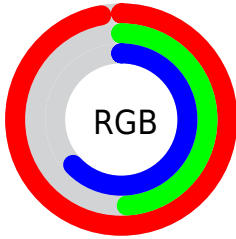
Format	Color
R_{YB}	247, 124, 161
Decimal	16219297
CIE _{Lab}	67.10, 50.78, 2.36
CIE _{LCh}	67, 50.838, 2.662
Yxy	36.7627, 0.4100, 0.2898
Android (android.graphics.Color)	4294409377 (0xFFFF77CA1)
YUV	164.9950, -1.9695, 71.9184
Hunter-Lab	60.6323, 47.0120, 5.2036

Details

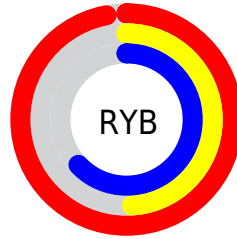
The Yxy color **36.7627, 0.4100, 0.2898** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.4831, 0.2642, 0.3747**, and the grayscale version is **37.6109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4581, 0.3474, 0.2911**, and **16.0709, 0.4390, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **30.7628, 0.4419, 0.2839**, and if you desaturate by 10%, it is **44.4010, 0.3825, 0.2973**.

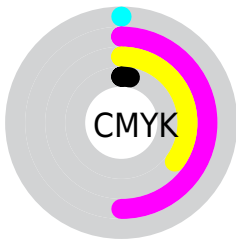
Distribution



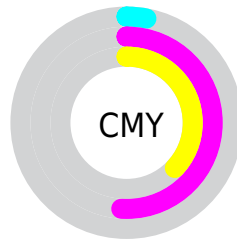
- Red (97%)
- Green (49%)
- Blue (63%)



- Red (97%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (3%)



- Cyan (3%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7627, 0.4100, 0.2898 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 36.7627, 0.4100, 0.2898 by changing the saturation by 10% instead.


 36.7627, 0.4100,
0.2898

 36.7627, 0.4100,
0.2898


332.2820, 0.3595,
0.3104

 25.0238, 0.4231,
0.2843


 70.2077, 0.3912,
0.2975

 16.0948, 0.4403,
0.2772


 92.6825, 0.3843,
0.3004

 9.5913, 0.4635,
0.2673


 119.5049, 0.3785,
0.3027

 5.1288, 0.4967,
0.2531

151.0590, 0.3736,
0.3047

 2.3230, 0.5474,
0.2310

187.7294, 0.3693,
0.3065

 0.7859, 0.6364,
0.1935

229.9005, 0.3656,

 0.0000, 1.0000,

0.3080

0.0000


277.9565, 0.3624,
0.3093


 0.0000, 0.0000,
0.0000


 36.7627, 0.4100,
0.2898


 36.7627, 0.4100,
0.2898

 30.7628, 0.4419,
0.2839


 44.4010, 0.3825,
0.2973


 26.2741, 0.4773,
0.2809


 53.7812, 0.3595,
0.3054


 23.1600, 0.5143,
0.2817

 65.0048, 0.3405,
0.3137

 21.2556, 0.5495,
0.2873

 78.1638, 0.3251,
0.3216

 20.2952, 0.5798,
0.2969

 93.3441, 0.3125,
0.3291

■ 20.2811, 0.5803,
0.2971

■ 98.5217, 0.3078,
0.3290

Harmonies

Analogous

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



36.7627, 0.3335, 0.2457



36.7627, 0.4100, 0.2898



36.7627, 0.4584, 0.3438

Triad

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



36.7627, 0.4100, 0.2898



36.7627, 0.3524, 0.4708



36.7627, 0.1825, 0.2351

Complementary

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



36.7627, 0.4100, 0.2898



75.4831, 0.2642, 0.3747

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.



36.7627, 0.1859, 0.2865



36.7627, 0.4100, 0.2898



36.7627, 0.2791, 0.4400

Square

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



36.7627, 0.4100, 0.2898



36.7627, 0.4188, 0.4495



36.7627, 0.2189, 0.3644



36.7627, 0.2074, 0.2139

Rectangle

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



36.7627, 0.4100, 0.2898



36.7627, 0.4647, 0.3816



36.7627, 0.2189, 0.3644



36.7627, 0.1805, 0.2487

Sweetspot

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



36.7646, 0.4100, 0.2898



76.3730, 0.3327, 0.3175



34.5470, 0.2832, 0.1956



15.7201, 0.3361, 0.3158



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.



36.7646, 0.4100, 0.2898



32.9027, 0.4429, 0.2838



41.9600, 0.4411, 0.3534



16.5646, 0.3246, 0.3219



10.7438, 0.5760, 0.2947



0.9617, 0.5406, 0.2752

Inverse Universe

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



36.7646, 0.4100, 0.2898



32.9027, 0.4429, 0.2838



64.5705, 0.2422, 0.3014



16.5646, 0.3246, 0.3219



10.7438, 0.5760, 0.2947



0.9617, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 36.7627, 0.4100, 0.2898 looks on a white background.

Color Contrast Check

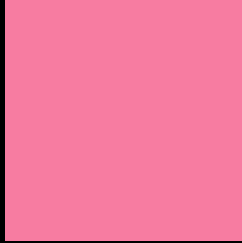
Large Text (above 18pt) WCAG AA × Fail

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 36.7627, 0.4100, 0.2898 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 36.7627, 0.4100, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 36.7627, 0.4100, 0.2898.



This preview shows how white text looks on a background with the Yxy color 36.7627, 0.4100, 0.2898.

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

36.7627, 0.4100, 0.2898

Protanopia

37.2321, 0.2932, 0.2996

Deuteranopia

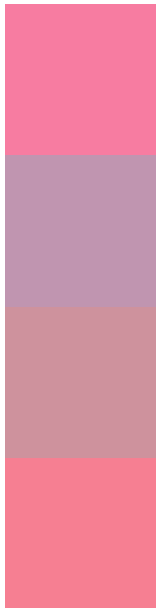
36.8876, 0.3403, 0.3332



Tritanopia

36.6570, 0.4351, 0.3197

Trichromacy



Original Color

36.7627, 0.4100, 0.2898

Protanomaly

35.8359, 0.3304, 0.2937

Deuteranomaly

36.1139, 0.3649, 0.3151

Tritanomaly

36.8469, 0.4258, 0.3090

Monochromacy



Original Color

36.7627, 0.4100, 0.2898

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.0951, 0.3453, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7627, 0.4100, 0.2898 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, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 161)  
}
```

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, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.7627, 0.4100, 0.2898 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, 124, 161) }
```

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

```
.border{ border-color:rgb(247, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7627, 0.4100, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 161) }
```

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

```
.background{ background-color: rgb(247,  
124, 161) }
```

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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