

Converting Colors

Yxy(36.2922, 0.4387, 0.3009)

Have a look what the booklet for
Yxy(36.2922, 0.4387, 0.3009)
contains.

Yxy(36.2922, 0.4387, 0.3009)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.2922, 0.4387, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	FF7692
RGB	255, 118, 146
RGB Percent	100%, 46%, 57%
CMY	0.0000, 0.5373, 0.4275
CMYK	0.00, 0.54, 0.43, 0.00
HSL	348°, 100%, 73%
HSV	348°, 54%, 100%
XYZ	52.9126, 36.2922, 31.4074
YIQ	162.1550, 72.6640, 37.7520

Conversions

Conversions Part 2

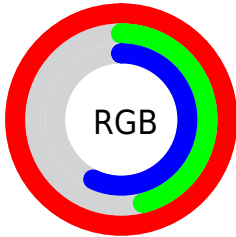
Format	Color
RYB	255, 118, 146
Decimal	16742034
CIELab	66.74, 54.67, 10.51
CIELCh	67, 55.670, 10.886
Yxy	36.2922, 0.4387, 0.3009
Android (android.graphics.Color)	4294932114 (0xFFFF7692)
YUV	162.1550, -7.9644, 81.4251
Hunter-Lab	60.2430, 51.3546, 11.2595

Details

The Yxy color **36.2922, 0.4387, 0.3009** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.9168, 0.2557, 0.3624**, and the grayscale version is **36.2163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7022, 0.3623, 0.3021**, and **15.8689, 0.4773, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **30.4983, 0.4776, 0.2981**, and if you desaturate by 10%, it is **43.8161, 0.4046, 0.3054**.

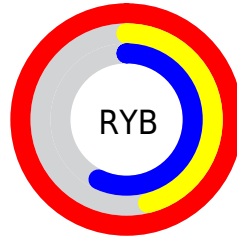
Distribution



Red (100%)

Green (46%)

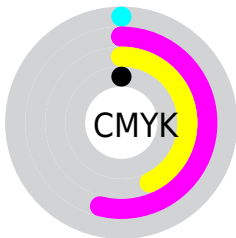
Blue (57%)



Red (100%)

Yellow (46%)

Blue (57%)

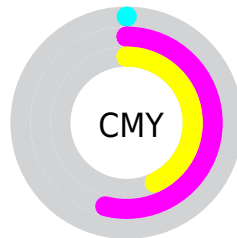


Cyan (0%)

Magenta (54%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2922, 0.4387, 0.3009 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 36.2922, 0.4387, 0.3009 by changing the saturation by 10% instead.


 36.2922, 0.4387,
0.3009


 36.2922, 0.4387,
0.3009


330.2359, 0.3728,
0.3171


 24.6600, 0.4559,
0.2962


 69.4828, 0.4142,
0.3073

 15.8239, 0.4783,
0.2896


 91.8100, 0.4051,
0.3096

 9.3996, 0.5086,
0.2803


 118.4709, 0.3976,
0.3114

 5.0027, 0.5514,
0.2661

149.8500, 0.3911,
0.3130

 2.2489, 0.6153,
0.2424

186.3317, 0.3856,
0.3143

 0.7464, 0.7666,
0.2114

228.3003, 0.3808,

 0.0000, 1.0000,

0.3154

0.0000

276.1402, 0.3766,
0.3163

■ 0.0000, 0.0000,
0.0000

■ 36.2922, 0.4387,
0.3009

■ 36.2922, 0.4387,
0.3009

■ 30.4983, 0.4776,
0.2981

■ 43.8161, 0.4046,
0.3054

■ 26.3017, 0.5191,
0.2980

■ 53.2019, 0.3759,
0.3108

■ 23.5380, 0.5595,
0.3014

■ 64.5604, 0.3523,
0.3164

■ 22.0101, 0.5937,
0.3084

■ 77.9956, 0.3331,
0.3219

■ 21.5090, 0.6104,
0.3136

■ 93.6043, 0.3177,
0.3271

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



36.2922, 0.3592, 0.2501



36.2922, 0.4387, 0.3009



36.2922, 0.4782, 0.3600

Triad

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



36.2922, 0.4387, 0.3009



36.2922, 0.3324, 0.4832



36.2922, 0.1764, 0.2172

Complementary

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



36.2922, 0.4387, 0.3009



80.9168, 0.2557, 0.3624

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.



36.2922, 0.1713, 0.2627



36.2922, 0.4387, 0.3009



36.2922, 0.2548, 0.4326

Square

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



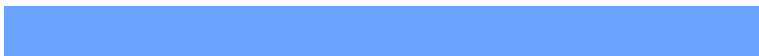
36.2922, 0.4387, 0.3009



36.2922, 0.4090, 0.4707



36.2922, 0.1973, 0.3419



36.2922, 0.2108, 0.2033

Rectangle

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



36.2922, 0.4387, 0.3009



36.2922, 0.4744, 0.4007



36.2922, 0.1973, 0.3419



36.2922, 0.1714, 0.2286

Sweetspot

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



36.2898, 0.4387, 0.3009



74.7573, 0.3371, 0.3207



36.2328, 0.2921, 0.1901



15.3933, 0.3409, 0.3195



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.



36.2898, 0.4387, 0.3009



30.3643, 0.4787, 0.2981



46.6175, 0.4476, 0.3691



18.0478, 0.3262, 0.3242



11.2559, 0.6068, 0.3117



1.1108, 0.5769, 0.2951

Inverse Universe

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



36.2898, 0.4387, 0.3009



30.3643, 0.4787, 0.2981



60.2753, 0.2342, 0.2817



18.0478, 0.3262, 0.3242



11.2559, 0.6068, 0.3117



1.1108, 0.5769, 0.2951

Previews

White Background



This preview shows how the Yxy color 36.2922, 0.4387, 0.3009 looks on a white background.

Color Contrast Check

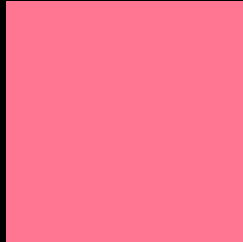
Large Text (above 18pt) WCAG AA × Fail

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 36.2922, 0.4387, 0.3009 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 36.2922, 0.4387, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 36.2922, 0.4387, 0.3009.



This preview shows how white text looks on a background with the Yxy color 36.2922, 0.4387, 0.3009.

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

36.2922, 0.4387, 0.3009

Protanopia

36.6355, 0.3076, 0.3176

Deuteranopia

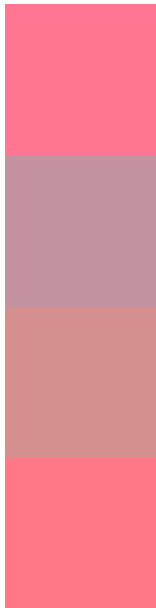
36.5722, 0.3593, 0.3525



Tritanopia

36.3306, 0.4570, 0.3213

Trichromacy



Original Color

36.2922, 0.4387, 0.3009

Protanomaly

35.0013, 0.3513, 0.3094

Deuteranomaly

35.5950, 0.3886, 0.3305

Tritanomaly

36.2530, 0.4503, 0.3142

Monochromacy



Original Color

36.2922, 0.4387, 0.3009

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.6938, 0.3555, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2922, 0.4387, 0.3009 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, 118, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 146)  
}
```

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, 118, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.2922, 0.4387, 0.3009 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, 118, 146) }
```

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

```
.border{ border-color:rgb(255, 118, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2922, 0.4387, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 146) }
```

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

```
.background{ background-color: rgb(255,  
118, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor