

Converting Colors

$Y_{xy}(32.9302, 0.4376, 0.2905)$

Have a look what the booklet for
Yxy(32.9302, 0.4376, 0.2905)
contains.

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Color

Yxy(32.9402, 0.4372, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	F96C92
RGB	249, 108, 146
RGB Percent	98%, 42%, 57%
CMY	0.0234, 0.5765, 0.4274
CMYK	0.00, 0.57, 0.41, 0.02
HSL	344°, 92%, 70%
HSV	344°, 57%, 98%
XYZ	49.6260, 32.9402, 30.9424
YIQ	154.4910, 71.8380, 41.7100

Conversions

Conversions Part 2

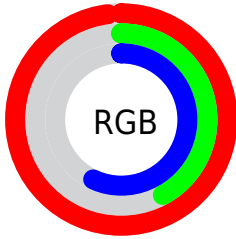
Format	Color
R_{YB}	249, 108, 146
Decimal	16346258
CIE _{Lab}	64.11, 57.31, 6.63
CIE _{LCh}	64, 57.689, 6.604
Yxy	32.9402, 0.4372, 0.2902
Android (android.graphics.Color)	4294536338 (0xFFFF96C92)
YUV	154.4910, -4.1861, 82.8844
Hunter-Lab	57.3936, 53.9033, 8.2106

Details

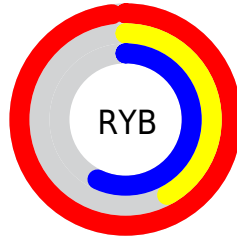
The Yxy color **32.9402, 0.4372, 0.2902** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75.6582, 0.2579, 0.3764**, and the grayscale version is **32.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9810, 0.3645, 0.2917**, and **13.9035, 0.4767, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **27.8974, 0.4735, 0.2868**, and if you desaturate by 10%, it is **39.5760, 0.4050, 0.2959**.

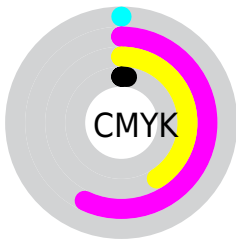
Distribution



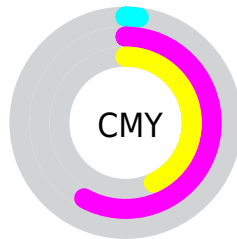
- Red (98%)
- Green (42%)
- Blue (57%)



- Red (98%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (2%)




- Cyan (2%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9402, 0.4372, 0.2902 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 32.9402, 0.4372, 0.2902 by changing the saturation by 10% instead.


 32.9402, 0.4372,
0.2902


 32.9402, 0.4372,
0.2902


315.3802, 0.3713,
0.3117

 22.0806, 0.4547,
0.2841


 64.2822, 0.4125,
0.2985


 13.9162, 0.4777,
0.2760


 85.5333, 0.4034,
0.3015

 8.0624, 0.5091,
0.2644


 111.0172, 0.3959,
0.3040

 4.1349, 0.5542,
0.2470

 141.1181, 0.3895,
0.3060

 1.7493, 0.6230,
0.2188

176.2204, 0.3840,
0.3078

 0.4553, 0.8233,
0.1651

216.7087, 0.3792,


 0.0000, 1.0000,


0.3093


0.0000

262.9671, 0.3750,
0.3106

 0.0000, 0.0000,
0.0000


 32.9402, 0.4372,
0.2902


 32.9402, 0.4372,
0.2902

 27.8974, 0.4735,
0.2868


 39.5760, 0.4050,
0.2959


 24.3067, 0.5120,
0.2868


 47.9197, 0.3776,
0.3028

 22.0109, 0.5494,
0.2911

 58.0814, 0.3549,
0.3102

 20.8110, 0.5816,
0.2997

 70.1605, 0.3363,
0.3176

 20.5518, 0.5911,
0.3030

 84.2493, 0.3211,
0.3246

98.8848, 0.3090,
0.3290

Harmonies

Analogous

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



32.9402, 0.3485, 0.2390



32.9402, 0.4372, 0.2902



32.9402, 0.4869, 0.3512

Triad

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



32.9402, 0.4372, 0.2902



32.9402, 0.3446, 0.4966



32.9402, 0.1662, 0.2148

Complementary

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



32.9402, 0.4372, 0.2902



75.6582, 0.2579, 0.3764

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.



32.9402, 0.1650, 0.2675



32.9402, 0.4372, 0.2902



32.9402, 0.2612, 0.4527

Square

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



32.9402, 0.4372, 0.2902



32.9402, 0.4240, 0.4728



32.9402, 0.1966, 0.3565



32.9402, 0.1977, 0.1964

Rectangle

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



32.9402, 0.4372, 0.2902



32.9402, 0.4875, 0.3940



32.9402, 0.1966, 0.3565



32.9402, 0.1624, 0.2282

Sweetspot

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



32.9419, 0.4372, 0.2902



73.5182, 0.3369, 0.3173



31.1274, 0.2820, 0.1799



15.1547, 0.3404, 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.



32.9419, 0.4372, 0.2902



28.8024, 0.4790, 0.2865



39.5600, 0.4647, 0.3608



17.3021, 0.3251, 0.3226



11.0185, 0.5870, 0.3007



1.0374, 0.5536, 0.2823

Inverse Universe

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



32.9419, 0.4372, 0.2902



28.8024, 0.4790, 0.2865



60.4140, 0.2335, 0.2910



17.3021, 0.3251, 0.3226



11.0185, 0.5870, 0.3007



1.0374, 0.5536, 0.2823

Previews

White Background



This preview shows how the Yxy color 32.9402, 0.4372, 0.2902 looks on a white background.

Color Contrast Check

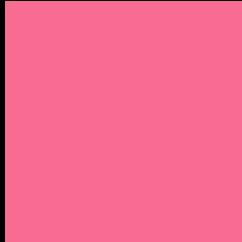
Large Text (above 18pt) WCAG AA × Fail

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 32.9402, 0.4372, 0.2902 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 32.9402, 0.4372, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 32.9402, 0.4372, 0.2902.



This preview shows how white text looks on a background with the Yxy color 32.9402, 0.4372, 0.2902.

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

32.9402, 0.4372, 0.2902

Protanopia

33.3298, 0.2958, 0.3025

Deuteranopia

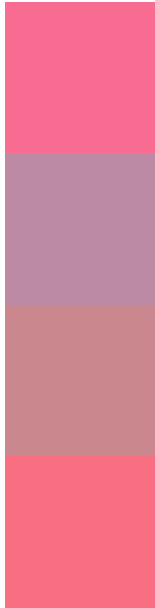
33.0239, 0.3520, 0.3449



Tritanopia

32.9405, 0.4662, 0.3223

Trichromacy



Original Color

32.9402, 0.4372, 0.2902

Protanomaly

31.6401, 0.3424, 0.2953

Deuteranomaly

31.9774, 0.3821, 0.3201

Tritanomaly

32.9103, 0.4569, 0.3109

Monochromacy



Original Color

32.9402, 0.4372, 0.2902

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

30.9445, 0.3557, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9402, 0.4372, 0.2902 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(249, 108, 146)` looks like.

```
.text, #text, p{  
    color:rgb(249, 108, 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(249, 108, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 108, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.9402, 0.4372, 0.2902 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(249, 108, 146) }
```

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

```
.border{ border-color:rgb(249, 108, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 108, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 108, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 108, 146);  
box-shadow:4px 4px 4px 4px rgb(249, 108,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9402, 0.4372, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 108, 146) }
```

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

```
.background{ background-color: rgb(249,  
108, 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](#).

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