

Converting Colors

$Y_{xy}(36.6107, 0.4395, 0.3037)$

Have a look what the booklet for
Yxy(36.6107, 0.4395, 0.3037)
contains.

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Color

Yxy(36.7373, 0.4390, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	FF7891
RGB	255, 120, 145
RGB Percent	100%, 47%, 57%
CMY	0.0000, 0.5294, 0.4314
CMYK	0.00, 0.53, 0.43, 0.00
HSL	349°, 100%, 74%
HSV	349°, 53%, 100%
XYZ	53.0690, 36.7373, 31.0798
YIQ	163.2150, 72.4350, 36.3950

Conversions

Conversions Part 2

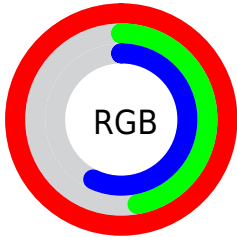
Format	Color
RYB	255, 120, 145
Decimal	16742545
CIELab	67.08, 53.62, 11.56
CIElCh	67, 54.852, 12.161
Yxy	36.7373, 0.4390, 0.3039
Android (android.graphics.Color)	4294932625 (0xFFFF7891)
YUV	163.2150, -8.9800, 80.4954
Hunter-Lab	60.6113, 50.2182, 12.0256

Details

The Yxy color **36.7373, 0.4390, 0.3039** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.2269, 0.2551, 0.3586**, and the grayscale version is **36.7501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4342, 0.3628, 0.3052**, and **16.0762, 0.4779, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **30.8159, 0.4786, 0.3013**, and if you desaturate by 10%, it is **44.4098, 0.4044, 0.3080**.

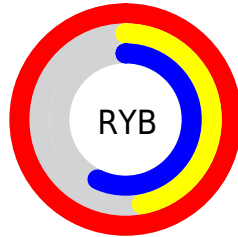
Distribution



Red (100%)

Green (47%)

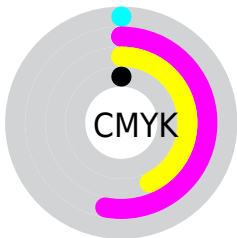
Blue (57%)



Red (100%)

Yellow (47%)

Blue (57%)

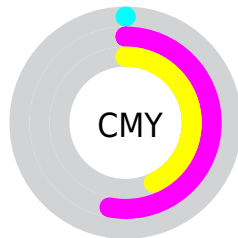


Cyan (0%)

Magenta (53%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7373, 0.4390, 0.3039 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 36.7373, 0.4390, 0.3039 by changing the saturation by 10% instead.


 36.7373, 0.4390,
0.3039


 36.7373, 0.4390,
0.3039


332.1718, 0.3730,
0.3187

 25.0042, 0.4562,
0.2995


 70.1686, 0.4145,
0.3098

 16.0802, 0.4785,
0.2934


 92.6355, 0.4054,
0.3119

 9.5809, 0.5087,
0.2846


 119.4491, 0.3978,
0.3136

 5.1220, 0.5513,
0.2710

150.9938, 0.3914,
0.3149

 2.3190, 0.6147,
0.2482

187.6541, 0.3858,
0.3161

 0.7837, 0.7669,
0.2203

229.8142, 0.3810,

 0.0000, 1.0000,

0.3171

0.0000

277.8587, 0.3768,
0.3180

■ 0.0000, 0.0000,
0.0000

■ 36.7373, 0.4390,
0.3039

■ 36.7373, 0.4390,
0.3039

■ 30.8159, 0.4786,
0.3013

■ 44.4098, 0.4044,
0.3080

■ 26.5047, 0.5209,
0.3012

■ 53.9557, 0.3753,
0.3129

■ 23.6438, 0.5621,
0.3043

■ 65.4884, 0.3515,
0.3180

■ 22.0392, 0.5967,
0.3107

■ 79.1118, 0.3322,
0.3230

■ 21.4669, 0.6152,
0.3163

■ 94.9223, 0.3167,
0.3277

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.



36.7373, 0.3621, 0.2533



36.7373, 0.4390, 0.3039



36.7373, 0.4757, 0.3625

Triad

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



36.7373, 0.4390, 0.3039



36.7373, 0.3290, 0.4793



36.7373, 0.1793, 0.2179

Complementary

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



36.7373, 0.4390, 0.3039



81.2269, 0.2551, 0.3586

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.



36.7373, 0.1731, 0.2615



36.7373, 0.4390, 0.3039



36.7373, 0.2530, 0.4271

Square

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



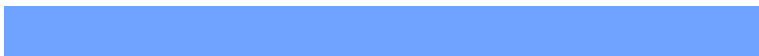
36.7373, 0.4390, 0.3039



36.7373, 0.4048, 0.4699



36.7373, 0.1975, 0.3380



36.7373, 0.2146, 0.2053

Rectangle

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



36.7373, 0.4390, 0.3039



36.7373, 0.4707, 0.4025



36.7373, 0.1975, 0.3380



36.7373, 0.1740, 0.2287

Sweetspot

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



36.7378, 0.4390, 0.3039



74.7151, 0.3377, 0.3215



37.1477, 0.2946, 0.1928



15.3834, 0.3416, 0.3204



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.



36.7378, 0.4390, 0.3039



30.2852, 0.4830, 0.3012



47.9322, 0.4433, 0.3709



18.0420, 0.3265, 0.3246



11.2326, 0.6118, 0.3144



1.1077, 0.5827, 0.2984

Inverse Universe

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



36.7378, 0.4390, 0.3039



30.2852, 0.4830, 0.3012



59.5603, 0.2346, 0.2796



18.0420, 0.3265, 0.3246



11.2326, 0.6118, 0.3144



1.1077, 0.5827, 0.2984

Previews

White Background



This preview shows how the Yxy color 36.7373, 0.4390, 0.3039 looks on a white background.

Color Contrast Check

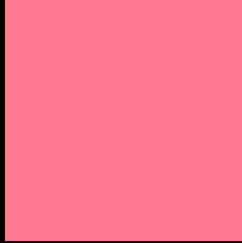
Large Text (above 18pt) WCAG AA × Fail

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 36.7373, 0.4390, 0.3039 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 36.7373, 0.4390, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 36.7373, 0.4390, 0.3039.



This preview shows how white text looks on a background with the Yxy color 36.7373, 0.4390, 0.3039.

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

36.7373, 0.4390, 0.3039

Protanopia

37.0209, 0.3102, 0.3219

Deuteranopia

36.6694, 0.3614, 0.3538



Tritanopia

36.6286, 0.4541, 0.3203

Trichromacy



Original Color

36.7373, 0.4390, 0.3039



Protanomaly

35.4113, 0.3531, 0.3121



Deuteranomaly

35.8667, 0.3893, 0.3330



Tritanomaly

36.5231, 0.4486, 0.3141

Monochromacy



Original Color

36.7373, 0.4390, 0.3039



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.0035, 0.3552, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7373, 0.4390, 0.3039 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, 120, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 145)  
}
```

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, 120, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.7373, 0.4390, 0.3039 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, 120, 145) }
```

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

```
.border{ border-color:rgb(255, 120, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 120, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7373, 0.4390, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 145) }
```

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

```
.background{ background-color: rgb(255,  
120, 145) }
```

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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