

Converting Colors

Yxy(37.2719, 0.4180, 0.2860)

Have a look what the booklet for
Yxy(37.2719, 0.4180, 0.2860)
contains.

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Color

Yxy(37.3016, 0.4181, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	FF78A2
RGB	255, 120, 162
RGB Percent	100%, 47%, 64%
CMY	0.0001, 0.5293, 0.3647
CMYK	0.00, 0.53, 0.36, 0.00
HSL	341°, 100%, 74%
HSV	341°, 53%, 100%
XYZ	54.4736, 37.3016, 38.5133
YIQ	165.1530, 66.9780, 41.6820

Conversions

Conversions Part 2

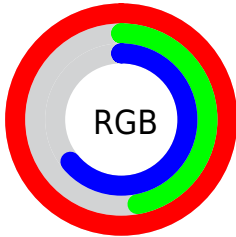
Format	Color
R _Y B	255, 120, 162
Decimal	16742562
CIE Lab	67.50, 55.40, 2.53
CIE LCh	68, 55.455, 2.612
Yxy	37.3016, 0.4181, 0.2863
Android (android.graphics.Color)	4294932642 (0xFFFF78A2)
YUV	165.1530, -1.5544, 78.7958
Hunter-Lab	61.0750, 52.3252, 5.3649

Details

The Yxy color **37.3016, 0.4181, 0.2863** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.3075, 0.2627, 0.3800**, and the grayscale version is **37.6907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3204, 0.3470, 0.2871**, and **16.4166, 0.4505, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **31.3825, 0.4508, 0.2810**, and if you desaturate by 10%, it is **44.9444, 0.3896, 0.2936**.

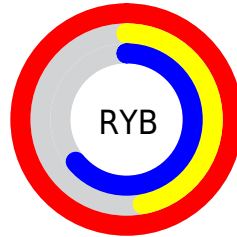
Distribution



Red (100%)

Green (47%)

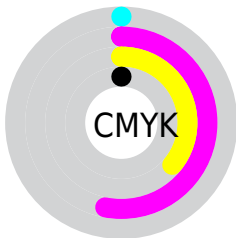
Blue (64%)



Red (100%)

Yellow (47%)

Blue (64%)

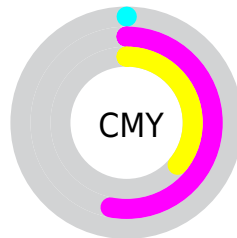


Cyan (0%)

Magenta (53%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3016, 0.4181, 0.2863 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 37.3016, 0.4181, 0.2863 by changing the saturation by 10% instead.


 37.3016, 0.4181,
0.2863


 37.3016, 0.4181,
0.2863


334.6144, 0.3636,
0.3087

 25.4411, 0.4322,
0.2804


 71.0364, 0.3979,
0.2947

 16.4060, 0.4505,
0.2727


 93.6795, 0.3904,
0.2978

 9.8119, 0.4753,
0.2621


 120.6856, 0.3842,
0.3003

 5.2744, 0.5104,
0.2470

152.4390, 0.3788,
0.3025

 2.4092, 0.5633,
0.2237

189.3242, 0.3742,
0.3044

 0.8306, 0.6525,
0.1852

231.7256, 0.3702,

 0.0000, 1.0000,

0.3060

0.0000

280.0275, 0.3667,
0.3075

■ 0.0000, 0.0000,
0.0000

■ 37.3016, 0.4181,
0.2863

■ 37.3016, 0.4181,
0.2863

■ 31.3825, 0.4508,
0.2810

■ 44.9444, 0.3896,
0.2936

■ 27.0449, 0.4865,
0.2788

■ 54.4267, 0.3656,
0.3019

■ 24.1337, 0.5228,
0.2810

■ 65.8607, 0.3456,
0.3105

■ 22.4584, 0.5564,
0.2881

■ 79.3483, 0.3294,
0.3189

■ 21.8259, 0.5772,
0.2953

■ 94.9839, 0.3161,
0.3268

99.9967, 0.3127,
0.3290

Harmonies

Analogous

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



37.3016, 0.3347, 0.2397



37.3016, 0.4181, 0.2863



37.3016, 0.4706, 0.3434

Triad

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



37.3016, 0.4181, 0.2863



37.3016, 0.3543, 0.4834



37.3016, 0.1735, 0.2276

Complementary

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



37.3016, 0.4181, 0.2863



80.3075, 0.2627, 0.3800

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.



37.3016, 0.1767, 0.2822



37.3016, 0.4181, 0.2863



37.3016, 0.2756, 0.4509

Square

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



37.3016, 0.4181, 0.2863



37.3016, 0.4261, 0.4578



37.3016, 0.2114, 0.3673



37.3016, 0.1996, 0.2057

Rectangle

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



37.3016, 0.4181, 0.2863



37.3016, 0.4768, 0.3836



37.3016, 0.2114, 0.3673



37.3016, 0.1713, 0.2419

Sweetspot

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



37.3035, 0.4181, 0.2863



74.9945, 0.3340, 0.3163



34.6903, 0.2807, 0.1873



15.4493, 0.3373, 0.3146



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.



37.3035, 0.4181, 0.2863



30.8498, 0.4545, 0.2806



42.7920, 0.4535, 0.3547



18.0801, 0.3245, 0.3216



11.4297, 0.5729, 0.2930



1.1315, 0.5409, 0.2753

Inverse Universe

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



37.3035, 0.4181, 0.2863



30.8498, 0.4545, 0.2806



67.9406, 0.2386, 0.2994



18.0801, 0.3245, 0.3216



11.4297, 0.5729, 0.2930



1.1315, 0.5409, 0.2753

Previews

White Background



This preview shows how the Yxy color 37.3016, 0.4181, 0.2863 looks on a white background.

Color Contrast Check

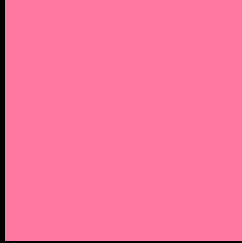
Large Text (above 18pt) WCAG AA × Fail

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 37.3016, 0.4181, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

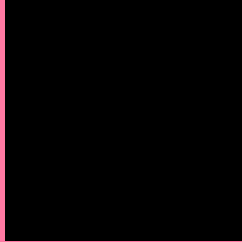
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3016, 0.4181, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 37.3016, 0.4181, 0.2863.



This preview shows how white text looks on a background with the Yxy color 37.3016, 0.4181, 0.2863.

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

37.3016, 0.4181, 0.2863

Protanopia

37.7588, 0.2901, 0.2956

Deuteranopia

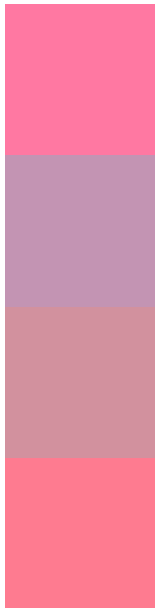
37.3869, 0.3401, 0.3332



Tritanopia

37.2711, 0.4479, 0.3202

Trichromacy



Original Color

37.3016, 0.4181, 0.2863

Protanomaly

36.0366, 0.3307, 0.2890

Deuteranomaly

36.4211, 0.3683, 0.3129

Tritanomaly

37.2504, 0.4379, 0.3078

Monochromacy



Original Color

37.3016, 0.4181, 0.2863

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.1810, 0.3485, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3016, 0.4181, 0.2863 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 162) }
```

Border

The CSS property to change the border of an element to Yxy 37.3016, 0.4181, 0.2863 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, 162) }
```

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

```
.border{ border-color:rgb(255, 120, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3016, 0.4181, 0.2863 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
120, 162) }
```

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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