

Converting Colors

$Yxy(37.1871, 0.4001, 0.2747)$

Have a look what the booklet for
Yxy(37.1871, 0.4001, 0.2747)
contains.

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Color

Yxy(37.2011, 0.4005, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	FB79AD
RGB	251, 121, 173
RGB Percent	98%, 47%, 68%
CMY	0.0158, 0.5254, 0.3215
CMYK	0.00, 0.52, 0.31, 0.02
HSL	336°, 94%, 73%
HSV	336°, 52%, 98%
XYZ	54.1586, 37.2011, 43.8678
YIQ	165.7980, 60.7880, 43.7320

Conversions

Conversions Part 2

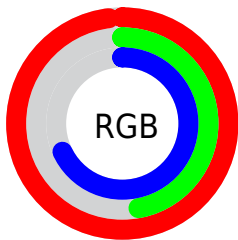
Format	Color
R _Y B	251, 121, 173
Decimal	16480685
CIE Lab	67.43, 54.92, -3.87
CIE LCh	67, 55.056, 355.965
Yxy	37.2011, 0.4005, 0.2751
Android (android.graphics.Color)	4294670765 (0xFFFB79AD)
YUV	165.7980, 3.5506, 74.7222
Hunter-Lab	60.9927, 51.7623, 0.0517

Details

The Yxy color **37.2011, 0.4005, 0.2751** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.1694, 0.2688, 0.3937**, and the grayscale version is **37.9946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3057, 0.3376, 0.2774**, and **16.3533, 0.4263, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **31.3242, 0.4277, 0.2673**, and if you desaturate by 10%, it is **44.7339, 0.3767, 0.2849**.

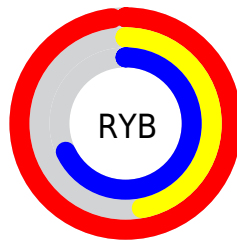
Distribution



Red (98%)

Green (47%)

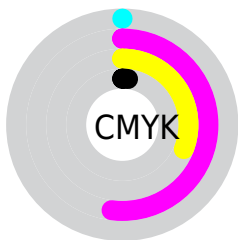
Blue (68%)



Red (98%)

Yellow (47%)

Blue (68%)

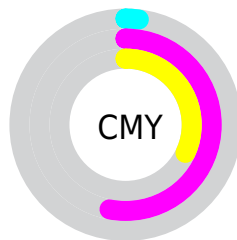


Cyan (0%)

Magenta (52%)

Yellow (31%)

Black (2%)



Cyan (2%)

Magenta (53%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2011, 0.4005, 0.2751 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 37.2011, 0.4005, 0.2751 by changing the saturation by 10% instead.

 37.2011, 0.4005,
0.2751


 37.2011, 0.4005,
0.2751


334.1804, 0.3555,
0.3023


 25.3632, 0.4120,
0.2682


 70.8820, 0.3839,
0.2851

 16.3479, 0.4270,
0.2594


 93.4938, 0.3777,
0.2888

 9.7707, 0.4472,
0.2477


 120.4656, 0.3726,
0.2919

 5.2472, 0.4757,
0.2313

152.1820, 0.3681,
0.2946

 2.3930, 0.5187,
0.2071

189.0273, 0.3643,
0.2969

 0.8223, 0.5899,
0.1684

231.3858, 0.3610,

 0.0000, 1.0000,

0.2990

0.0000

279.6421, 0.3581,
0.3008

0.0000, 0.0000,
0.0000

37.2011, 0.4005,
0.2751

37.2011, 0.4005,
0.2751

31.3242, 0.4277,
0.2673

44.7339, 0.3767,
0.2849

26.9697, 0.4577,
0.2628

54.0313, 0.3566,
0.2956

23.9923, 0.4890,
0.2629

65.1992, 0.3398,
0.3065

22.2153, 0.5194,
0.2683

78.3337, 0.3259,
0.3172

21.4330, 0.5424,
0.2762

93.5240, 0.3145,
0.3273

99.2449, 0.3102,
0.3290

Harmonies

Analogous

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



37.2011, 0.3156, 0.2321



37.2011, 0.4005, 0.2751



37.2011, 0.4622, 0.3303

Triad

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



37.2011, 0.4005, 0.2751



37.2011, 0.3713, 0.4810



37.2011, 0.1724, 0.2373

Complementary

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



37.2011, 0.4005, 0.2751



77.1694, 0.2688, 0.3937

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.



37.2011, 0.1824, 0.2992



37.2011, 0.4005, 0.2751



37.2011, 0.2928, 0.4628

Square

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



37.2011, 0.4005, 0.2751



37.2011, 0.4384, 0.4467



37.2011, 0.2240, 0.3874



37.2011, 0.1920, 0.2086

Rectangle

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



37.2011, 0.4005, 0.2751



37.2011, 0.4764, 0.3701



37.2011, 0.2240, 0.3874



37.2011, 0.1723, 0.2541

Sweetspot

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



37.2030, 0.4005, 0.2751



75.1970, 0.3314, 0.3127



32.4913, 0.2703, 0.1859



15.4973, 0.3343, 0.3105



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.



37.2030, 0.4005, 0.2751



32.3343, 0.4285, 0.2672



38.3486, 0.4570, 0.3406



17.3403, 0.3231, 0.3195



11.2953, 0.5382, 0.2738



1.0664, 0.5066, 0.2564

Inverse Universe

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



37.2030, 0.4005, 0.2751



32.3343, 0.4285, 0.2672



73.4372, 0.2431, 0.3160



17.3403, 0.3231, 0.3195



11.2953, 0.5382, 0.2738



1.0664, 0.5066, 0.2564

Previews

White Background



This preview shows how the Yxy color 37.2011, 0.4005, 0.2751 looks on a white background.

Color Contrast Check

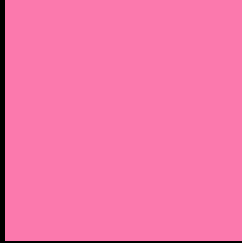
Large Text (above 18pt) WCAG AA × Fail

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 37.2011, 0.4005, 0.2751 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 37.2011, 0.4005, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 37.2011, 0.4005, 0.2751.



This preview shows how white text looks on a background with the Yxy color 37.2011, 0.4005, 0.2751.

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

37.2011, 0.4005, 0.2751

Protanopia

37.5326, 0.2775, 0.2783

Deuteranopia

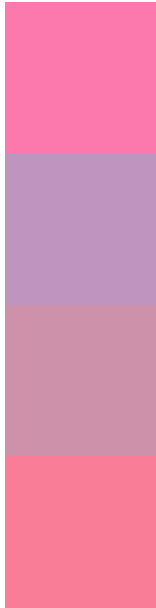
37.1700, 0.3248, 0.3181



Tritanopia

37.2009, 0.4380, 0.3198

Trichromacy



Original Color

37.2011, 0.4005, 0.2751

Protanomaly

35.9739, 0.3162, 0.2750

Deuteranomaly

36.0945, 0.3515, 0.2987

Tritanomaly

37.0090, 0.4248, 0.3029

Monochromacy



Original Color

37.2011, 0.4005, 0.2751

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.5476, 0.3423, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2011, 0.4005, 0.2751 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(251, 121, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 121, 173)  
}
```

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(251, 121, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 121, 173) }
```

Border

The CSS property to change the border of an element to Yxy 37.2011, 0.4005, 0.2751 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(251, 121, 173) }
```

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

```
.border{ border-color:rgb(251, 121, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 121, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 121, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 121, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 121,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2011, 0.4005, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 121, 173) }
```

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

```
.background{ background-color: rgb(251,  
121, 173) }
```

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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