

Converting Colors

$Y_{xy}(37.3331, 0.4045, 0.2749)$

Have a look what the booklet for
Yxy(37.3331, 0.4045, 0.2749)
contains.

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Color

Yxy(37.2430, 0.4053, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	FE77AC
RGB	254, 119, 172
RGB Percent	100%, 47%, 67%
CMY	0.0040, 0.5332, 0.3255
CMYK	0.00, 0.53, 0.32, 0.00
HSL	336°, 99%, 73%
HSV	336°, 53%, 100%
XYZ	54.9094, 37.2430, 43.3260
YIQ	165.4070, 63.4470, 45.1030

Conversions

Conversions Part 2

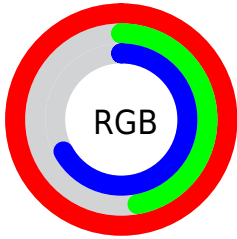
Format	Color
R_{YB}	254, 119, 172
Decimal	16676780
CIE _{Lab}	67.46, 56.69, -3.21
CIE _{LCh}	67, 56.781, 356.759
Yxy	37.2430, 0.4053, 0.2749
Android (android.graphics.Color)	4294866860 (0xFFFE77AC)
YUV	165.4070, 3.2503, 77.6961
Hunter-Lab	61.0270, 53.8089, 0.6262

Details

The Yxy color **37.2430, 0.4053, 0.2749** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.0079, 0.2676, 0.3945**, and the grayscale version is **37.7974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4660, 0.3387, 0.2763**, and **16.3804, 0.4332, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **31.4256, 0.4334, 0.2677**, and if you desaturate by 10%, it is **44.7478, 0.3807, 0.2843**.

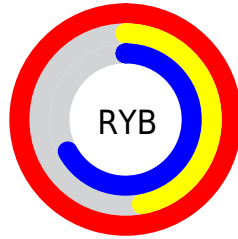
Distribution



Red (100%)

Green (47%)

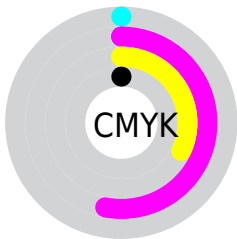
Blue (67%)



Red (100%)

Yellow (47%)

Blue (67%)

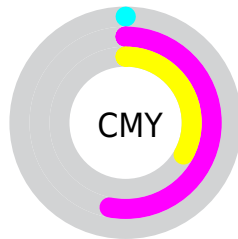


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2430, 0.4053, 0.2749 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 37.2430, 0.4053, 0.2749 by changing the saturation by 10% instead.


 37.2430, 0.4053,
0.2749


 37.2430, 0.4053,
0.2749


334.3614, 0.3578,
0.3023

 25.3957, 0.4175,
0.2680


 70.9464, 0.3878,
0.2849

 16.3721, 0.4333,
0.2591


 93.5712, 0.3813,
0.2887

 9.7878, 0.4545,
0.2472


 120.5573, 0.3758,
0.2918

 5.2585, 0.4846,
0.2306

152.2892, 0.3711,
0.2945

 2.3997, 0.5298,
0.2062

189.1511, 0.3671,
0.2969

 0.8258, 0.6041,
0.1669

231.5275, 0.3636,

 0.0000, 1.0000,

0.2989

0.0000

279.8028, 0.3605,
0.3007

■ 0.0000, 0.0000,
0.0000

■ 37.2430, 0.4053,
0.2749

■ 37.2430, 0.4053,
0.2749

■ 31.4256, 0.4334,
0.2677

■ 44.7478, 0.3807,
0.2843

■ 27.1560, 0.4642,
0.2639

■ 54.0539, 0.3597,
0.2947

■ 24.2809, 0.4959,
0.2648

■ 65.2717, 0.3422,
0.3055

■ 22.6128, 0.5264,
0.2711

■ 78.5010, 0.3278,
0.3160

■ 21.9803, 0.5456,
0.2780

■ 93.8347, 0.3160,
0.3260

99.8059, 0.3121,
0.3290

Harmonies

Analogous

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



37.2430, 0.3178, 0.2305



37.2430, 0.4053, 0.2749



37.2430, 0.4679, 0.3314

Triad

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



37.2430, 0.4053, 0.2749



37.2430, 0.3703, 0.4860



37.2430, 0.1690, 0.2333

Complementary

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



37.2430, 0.4053, 0.2749



79.0079, 0.2676, 0.3945

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.



37.2430, 0.1782, 0.2958



37.2430, 0.4053, 0.2749



37.2430, 0.2897, 0.4661

Square

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



37.2430, 0.4053, 0.2749



37.2430, 0.4400, 0.4508



37.2430, 0.2197, 0.3867



37.2430, 0.1898, 0.2051

Rectangle

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



37.2430, 0.4053, 0.2749



37.2430, 0.4813, 0.3721



37.2430, 0.2197, 0.3867



37.2430, 0.1687, 0.2501

Sweetspot

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



37.2449, 0.4053, 0.2749



75.1798, 0.3316, 0.3130



32.6331, 0.2707, 0.1829



15.4932, 0.3346, 0.3109



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.



37.2449, 0.4053, 0.2749



31.2755, 0.4360, 0.2672



39.0431, 0.4615, 0.3431



18.1052, 0.3232, 0.3197



11.6179, 0.5414, 0.2756



1.1519, 0.5110, 0.2589

Inverse Universe

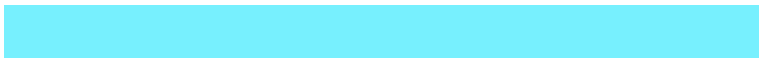
The Inverse Universe completely reimagines the original color for something new.



37.2449, 0.4053, 0.2749



31.2755, 0.4360, 0.2672



73.6807, 0.2412, 0.3129



18.1052, 0.3232, 0.3197



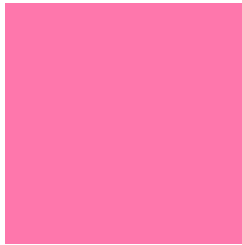
11.6179, 0.5414, 0.2756



1.1519, 0.5110, 0.2589

Previews

White Background



This preview shows how the Yxy color 37.2430, 0.4053, 0.2749 looks on a white background.

Color Contrast Check

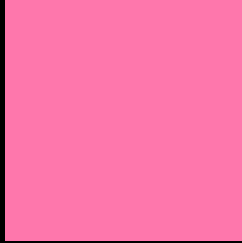
Large Text (above 18pt) WCAG AA × Fail

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 37.2430, 0.4053, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

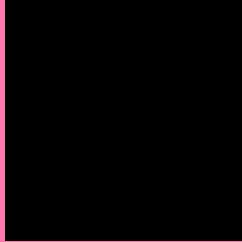
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2430, 0.4053, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 37.2430, 0.4053, 0.2749.



This preview shows how white text looks on a background with the Yxy color 37.2430, 0.4053, 0.2749.

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

37.2430, 0.4053, 0.2749

Protanopia

37.5326, 0.2775, 0.2783

Deuteranopia

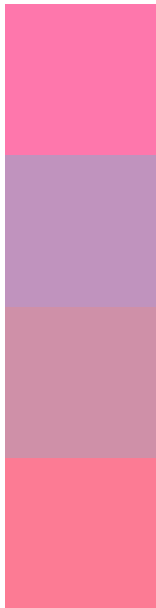
37.2162, 0.3277, 0.3208



Tritanopia

37.1802, 0.4443, 0.3200

Trichromacy



Original Color

37.2430, 0.4053, 0.2749

Protanomaly

35.7916, 0.3173, 0.2739

Deuteranomaly

36.0391, 0.3548, 0.2989

Tritanomaly

36.9995, 0.4311, 0.3034

Monochromacy



Original Color

37.2430, 0.4053, 0.2749

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

35.8773, 0.3436, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2430, 0.4053, 0.2749 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(254, 119, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 119, 172)  
}
```

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(254, 119, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 119, 172) }
```

Border

The CSS property to change the border of an element to Yxy 37.2430, 0.4053, 0.2749 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(254, 119, 172) }
```

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

```
.border{ border-color:rgb(254, 119, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 119, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 119, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 119, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 119,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2430, 0.4053, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 119, 172) }
```

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

```
.background{ background-color: rgb(254,  
119, 172) }
```

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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