

Converting Colors

$Y_{xy}(37.0728, 0.4173, 0.2957)$

Have a look what the booklet for
Yxy(37.0728, 0.4173, 0.2957)
contains.

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Color

Yxy(37.2073, 0.4176, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	F97D9C
RGB	249, 125, 156
RGB Percent	98%, 49%, 61%
CMY	0.0235, 0.5098, 0.3882
CMYK	0.00, 0.50, 0.37, 0.02
HSL	345°, 91%, 73%
HSV	345°, 50%, 98%
XYZ	52.4039, 37.2073, 35.8771
YIQ	165.6100, 63.9530, 35.9290

Conversions

Conversions Part 2

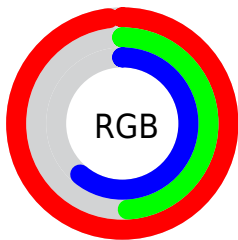
Format	Color
R _Y B	249, 125, 156
Decimal	16350620
CIE Lab	67.43, 50.37, 5.71
CIE LCh	67, 50.696, 6.467
Yxy	37.2073, 0.4176, 0.2965
Android (android.graphics.Color)	4294540700 (0xFFFF97D9C)
YUV	165.6100, -4.7377, 73.1330
Hunter-Lab	60.9978, 46.6054, 7.8258

Details

The Yxy color **37.2073, 0.4176, 0.2965** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **77.1776, 0.2612, 0.3667**, and the grayscale version is **37.9366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5557, 0.3524, 0.2982**, and **16.3452, 0.4501, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **31.0905, 0.4523, 0.2919**, and if you desaturate by 10%, it is **45.0051, 0.3878, 0.3026**.

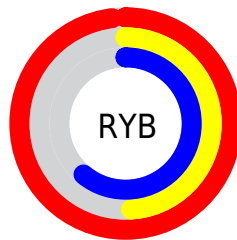
Distribution



Red (98%)

Green (49%)

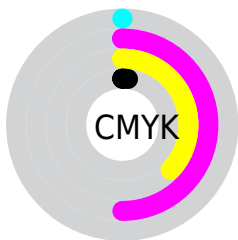
Blue (61%)



Red (98%)

Yellow (49%)

Blue (61%)

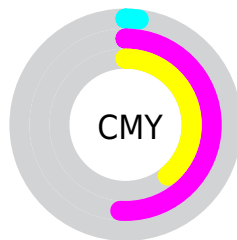


Cyan (0%)

Magenta (50%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (51%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2073, 0.4176, 0.2965 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 37.2073, 0.4176, 0.2965 by changing the saturation by 10% instead.


 37.2073, 0.4176,
0.2965


 37.2073, 0.4176,
0.2965


334.2071, 0.3631,
0.3141


 25.3680, 0.4318,
0.2917


 70.8915, 0.3973,
0.3032

 16.3515, 0.4503,
0.2853


 93.5052, 0.3899,
0.3056

 9.7732, 0.4754,
0.2763


 120.4792, 0.3836,
0.3077

 5.2488, 0.5111,
0.2631

152.1979, 0.3783,
0.3094

 2.3940, 0.5653,
0.2420

189.0456, 0.3737,
0.3108

 0.8228, 0.6665,
0.2079

231.4068, 0.3697,

 0.0000, 1.0000,

0.3121

0.0000

279.6659, 0.3662,
0.3132

■ 0.0000, 0.0000,
0.0000

■ 37.2073, 0.4176,
0.2965

■ 37.2073, 0.4176,
0.2965

■ 31.0905, 0.4523,
0.2919

■ 45.0051, 0.3878,
0.3026

■ 26.5242, 0.4906,
0.2898

■ 54.5904, 0.3629,
0.3094

■ 23.3678, 0.5301,
0.2913

■ 66.0673, 0.3425,
0.3163

■ 21.4523, 0.5668,
0.2971

■ 79.5304, 0.3259,
0.3229

■ 20.5068, 0.5967,
0.3062

■ 95.0680, 0.3125,
0.3291

■ 20.4918, 0.5972,
0.3064

■ 98.8810, 0.3090,
0.3290

Harmonies

Analogous

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



37.2073, 0.3435, 0.2509



37.2073, 0.4176, 0.2965



37.2073, 0.4603, 0.3509

Triad

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



37.2073, 0.4176, 0.2965



37.2073, 0.3429, 0.4691



37.2073, 0.1849, 0.2314

Complementary

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



37.2073, 0.4176, 0.2965



77.1776, 0.2612, 0.3667

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.



37.2073, 0.1846, 0.2786



37.2073, 0.4176, 0.2965



37.2073, 0.2707, 0.4313

Square

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



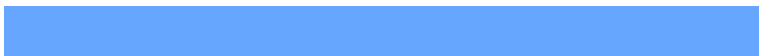
37.2073, 0.4176, 0.2965



37.2073, 0.4109, 0.4536



37.2073, 0.2137, 0.3536



37.2073, 0.2131, 0.2138

Rectangle

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



37.2073, 0.4176, 0.2965



37.2073, 0.4625, 0.3885



37.2073, 0.2137, 0.3536



37.2073, 0.1816, 0.2437

Sweetspot

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



37.2092, 0.4176, 0.2965



76.2652, 0.3341, 0.3195



36.0971, 0.2887, 0.1976



15.6943, 0.3377, 0.3181



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.



37.2092, 0.4176, 0.2965



32.6639, 0.4533, 0.2918



44.7117, 0.4373, 0.3600



17.2964, 0.3254, 0.3231



10.9873, 0.5933, 0.3042



1.0338, 0.5602, 0.2860

Inverse Universe

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



37.2092, 0.4176, 0.2965



32.6639, 0.4533, 0.2918



62.4244, 0.2407, 0.2937



17.2964, 0.3254, 0.3231



10.9873, 0.5933, 0.3042



1.0338, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 37.2073, 0.4176, 0.2965 looks on a white background.

Color Contrast Check

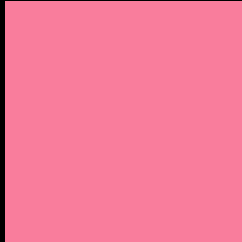
Large Text (above 18pt) WCAG AA × Fail

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 37.2073, 0.4176, 0.2965 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 37.2073, 0.4176, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 37.2073, 0.4176, 0.2965.



This preview shows how white text looks on a background with the Yxy color 37.2073, 0.4176, 0.2965.

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

37.2073, 0.4176, 0.2965

Protanopia

37.6578, 0.3008, 0.3093

Deuteranopia

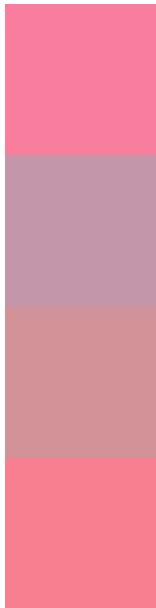
37.4374, 0.3479, 0.3414



Tritanopia

37.0186, 0.4371, 0.3198

Trichromacy



Original Color

37.2073, 0.4176, 0.2965

Protanomaly

36.3171, 0.3392, 0.3029

Deuteranomaly

36.6897, 0.3731, 0.3229

Tritanomaly

37.1488, 0.4302, 0.3113

Monochromacy



Original Color

37.2073, 0.4176, 0.2965

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.4776, 0.3481, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2073, 0.4176, 0.2965 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, 125, 156)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 156)  
}
```

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, 125, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 156) }
```

Border

The CSS property to change the border of an element to Yxy 37.2073, 0.4176, 0.2965 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, 125, 156) }
```

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

```
.border{ border-color:rgb(249, 125, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 125, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 125, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 125, 156); box-shadow:4px 4px 4px 4px rgb(249, 125, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2073, 0.4176, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 156) }
```

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

```
.background{ background-color: rgb(249,  
125, 156) }
```

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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