

Converting Colors

$Y_{xy}(37.5014, 0.3689, 0.2864)$

Have a look what the booklet for
Yxy(37.5014, 0.3689, 0.2864)
contains.

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Color

Yxy(37.4409, 0.3682, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	E28AAF
RGB	226, 138, 175
RGB Percent	89%, 54%, 69%
CMY	0.1138, 0.4588, 0.3138
CMYK	0.00, 0.39, 0.23, 0.11
HSL	335°, 60%, 71%
HSV	335°, 39%, 89%
XYZ	48.1850, 37.4409, 45.2405
YIQ	168.5300, 40.5710, 30.1630

Conversions

Conversions Part 2

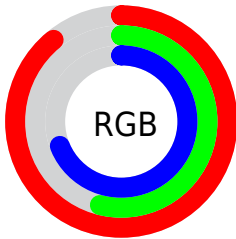
Format	Color
R _Y B	226, 138, 175
Decimal	14846639
CIE Lab	67.61, 38.31, -5.09
CIE LCh	68, 38.647, 352.430
Yxy	37.4409, 0.3682, 0.2861
Android (android.graphics.Color)	4293036719 (0xFFE28AAF)
YUV	168.5300, 3.1897, 50.4012
Hunter-Lab	61.1890, 33.4843, -1.0042

Details

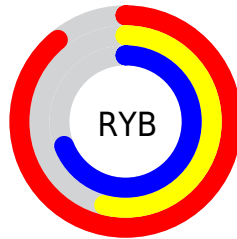
The Yxy color **37.4409, 0.3682, 0.2861** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.4611, 0.2785, 0.3772**, and the grayscale version is **39.4025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1131, 0.3342, 0.2917**, and **16.5207, 0.3846, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **31.1280, 0.3898, 0.2755**, and if you desaturate by 10%, it is **45.1563, 0.3499, 0.2974**.

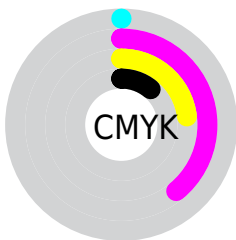
Distribution



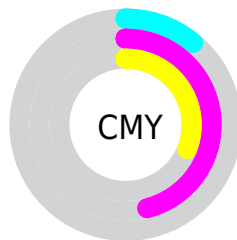
- Red (89%)
- Green (54%)
- Blue (69%)



- Red (89%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4409, 0.3682, 0.2861 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 37.4409, 0.3682, 0.2861 by changing the saturation by 10% instead.


 37.4409, 0.3682,
0.2861

 37.4409, 0.3682,
0.2861


335.2155, 0.3398,
0.3077


 25.5490, 0.3755,
0.2806


 71.2504, 0.3577,
0.2940

 16.4866, 0.3850,
0.2736


 93.9368, 0.3538,
0.2970

 9.8691, 0.3979,
0.2642


 120.9902, 0.3505,
0.2995

 5.3123, 0.4163,
0.2510

152.7949, 0.3478,
0.3016

 2.4316, 0.4445,
0.2313

189.7354, 0.3454,
0.3034

 0.8421, 0.4930,
0.1987

232.1961, 0.3433,

 0.0000, 0.9102,

0.3051

0.0000

280.5613, 0.3414,
0.3065

■ 0.0000, 0.0000,
0.0000

■ 37.4409, 0.3682,
0.2861

■ 37.4409, 0.3682,
0.2861

■ 31.1280, 0.3898,
0.2755

■ 45.1563, 0.3499,
0.2974

■ 26.1265, 0.4148,
0.2665

■ 54.3471, 0.3346,
0.3088

■ 22.3429, 0.4426,
0.2604

■ 65.0878, 0.3220,
0.3197

■ 19.6690, 0.4722,
0.2584

■ 77.4461, 0.3117,
0.3301

■ 17.9769, 0.5019,
0.2616

■ 91.4856, 0.3032,
0.3397

■ 17.0702, 0.5297,
0.2698

■ 94.8149, 0.2960,
0.3304

■ 16.9916, 0.5326,
0.2708

■ 94.9055, 0.2952,
0.3289

Harmonies

Analogous

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



37.4409, 0.3090, 0.2545



37.4409, 0.3682, 0.2861



37.4409, 0.4138, 0.3279

Triad

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



37.4409, 0.3682, 0.2861



37.4409, 0.3643, 0.4344



37.4409, 0.2088, 0.2690

Complementary

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



37.4409, 0.3682, 0.2861



63.4611, 0.2785, 0.3772

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.



37.4409, 0.2204, 0.3171



37.4409, 0.3682, 0.2861



37.4409, 0.3078, 0.4227

Square

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



37.4409, 0.3682, 0.2861



37.4409, 0.4092, 0.4128



37.4409, 0.2554, 0.3765



37.4409, 0.2211, 0.2428

Rectangle

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



37.4409, 0.3682, 0.2861



37.4409, 0.4277, 0.3580



37.4409, 0.2554, 0.3765



37.4409, 0.2099, 0.2829

Sweetspot

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



37.4427, 0.3682, 0.2861



80.9164, 0.3258, 0.3163



34.3462, 0.2823, 0.2228



16.9150, 0.3274, 0.3149



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.



37.4427, 0.3682, 0.2861



42.1550, 0.3861, 0.2771



37.9120, 0.4071, 0.3362



13.7957, 0.3226, 0.3192



9.7182, 0.5286, 0.2686



0.6912, 0.4890, 0.2467

Inverse Universe

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



37.4427, 0.3682, 0.2861



42.1550, 0.3861, 0.2771



62.1421, 0.2578, 0.3215



13.7957, 0.3226, 0.3192



9.7182, 0.5286, 0.2686



0.6912, 0.4890, 0.2467

Previews

White Background



This preview shows how the Yxy color 37.4409, 0.3682, 0.2861 looks on a white background.

Color Contrast Check

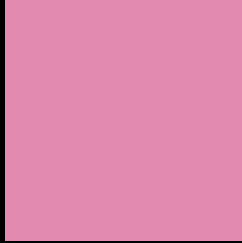
Large Text (above 18pt) WCAG AA × Fail

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 37.4409, 0.3682, 0.2861 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 37.4409, 0.3682, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 37.4409, 0.3682, 0.2861.



This preview shows how white text looks on a background with the Yxy color 37.4409, 0.3682, 0.2861.

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

37.4409, 0.3682, 0.2861

Protanopia

37.7861, 0.2869, 0.2916

Deuteranopia

37.5469, 0.3201, 0.3140



Tritanopia

37.4932, 0.3892, 0.3161

Trichromacy



Original Color

37.4409, 0.3682, 0.2861



Protanomaly

37.1358, 0.3136, 0.2894



Deuteranomaly

37.0371, 0.3369, 0.3030



Tritanomaly

37.6305, 0.3817, 0.3056

Monochromacy



Original Color

37.4409, 0.3682, 0.2861



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.3411, 0.3320, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4409, 0.3682, 0.2861 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(226, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(226, 138, 175)  
}
```

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(226, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 138, 175) }
```

Border

The CSS property to change the border of an element to Yxy 37.4409, 0.3682, 0.2861 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(226, 138, 175) }
```

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

```
.border{ border-color:rgb(226, 138, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 138, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(226, 138,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4409, 0.3682, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 138, 175) }
```

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

```
.background{ background-color: rgb(226,  
138, 175) }
```

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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