

Converting Colors

$Yxy(37.4597, 0.3467, 0.2804)$

Have a look what the booklet for
Yxy(37.4597, 0.3467, 0.2804)
contains.

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Color

Yxy(37.5109, 0.3475, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	D78FB7
RGB	215, 143, 183
RGB Percent	84%, 56%, 72%
CMY	0.1570, 0.4391, 0.2824
CMYK	0.00, 0.33, 0.15, 0.16
HSL	327°, 47%, 70%
HSV	327°, 33%, 84%
XYZ	46.3880, 37.5109, 49.5918
YIQ	169.0880, 30.0720, 27.7040

Conversions

Conversions Part 2

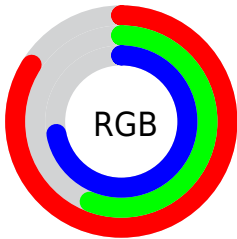
Format	Color
R _Y B	215, 143, 183
Decimal	14127031
CIE Lab	67.66, 33.07, -9.64
CIE LCh	68, 34.443, 343.747
Yxy	37.5109, 0.3475, 0.2810
Android (android.graphics.Color)	4292317111 (0xFFD78FB7)
YUV	169.0880, 6.8586, 40.2648
Hunter-Lab	61.2461, 28.0158, -5.1356

Details

The Yxy color **37.5109, 0.3475, 0.2810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.5249, 0.2886, 0.3828**, and the grayscale version is **39.6772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8802, 0.3269, 0.2881**, and **16.4648, 0.3579, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **31.2794, 0.3622, 0.2666**, and if you desaturate by 10%, it is **45.0097, 0.3349, 0.2958**.

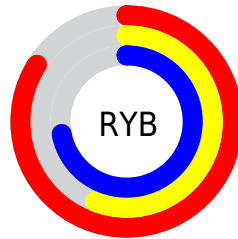
Distribution



Red (84%)

Green (56%)

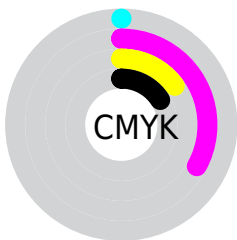
Blue (72%)



Red (84%)

Yellow (56%)

Blue (72%)

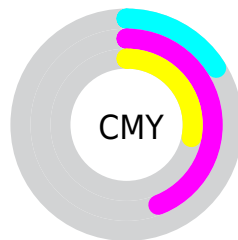


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5109, 0.3475, 0.2810 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 37.5109, 0.3475, 0.2810 by changing the saturation by 10% instead.


 37.5109, 0.3475,
0.2810


 37.5109, 0.3475,
0.2810


335.5172, 0.3300,
0.3049

 25.6033, 0.3519,
0.2751


 71.3579, 0.3411,
0.2897

 16.5271, 0.3576,
0.2675


 94.0660, 0.3387,
0.2929

 9.8979, 0.3653,
0.2574


121.1431, 0.3367,
0.2957

 5.3313, 0.3760,
0.2434

152.9736, 0.3349,
0.2981

 2.4429, 0.3922,
0.2229

189.9419, 0.3334,
0.3001

 0.8479, 0.4193,
0.1898

232.4323, 0.3321,

 0.0000, 0.5888,

0.3019

0.0000

280.8293, 0.3310,
0.3035

0.0000, 0.0000,
0.0000

37.5109, 0.3475,
0.2810

37.5109, 0.3475,
0.2810

31.2794, 0.3622,
0.2666

45.0097, 0.3349,
0.2958

26.2385, 0.3791,
0.2533

53.8362, 0.3243,
0.3104

22.3114, 0.3981,
0.2424


64.0535, 0.3154,
0.3243

19.4099, 0.4186,
0.2350

75.7188, 0.3081,
0.3375

17.4325, 0.4398,
0.2322

88.8862, 0.3020,
0.3497

 16.2561, 0.4609,
0.2347

 92.2738, 0.2967,
0.3441

 15.7857, 0.4743,
0.2387

 92.8577, 0.2916,
0.3342

 93.1834, 0.2888,
0.3289

Harmonies

Analogous

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



37.5109, 0.2948, 0.2560



37.5109, 0.3475, 0.2810



37.5109, 0.3932, 0.3170

Triad

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



37.5109, 0.3475, 0.2810



37.5109, 0.3727, 0.4201



37.5109, 0.2198, 0.2866

Complementary

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



37.5109, 0.3475, 0.2810



57.5249, 0.2886, 0.3828

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.



37.5109, 0.2370, 0.3339



37.5109, 0.3475, 0.2810



37.5109, 0.3238, 0.4182

Square

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



37.5109, 0.3475, 0.2810



37.5109, 0.4071, 0.3957



37.5109, 0.2743, 0.3851



37.5109, 0.2248, 0.2565

Rectangle

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



37.5109, 0.3475, 0.2810



37.5109, 0.4114, 0.3441



37.5109, 0.2743, 0.3851



37.5109, 0.2231, 0.3009

Sweetspot

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



37.5126, 0.3475, 0.2810



84.0871, 0.3211, 0.3152



33.5773, 0.2791, 0.2367



17.5562, 0.3224, 0.3132



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.



37.5126, 0.3475, 0.2810



48.6790, 0.3575, 0.2709



36.2262, 0.3853, 0.3233



12.5352, 0.3205, 0.3161



9.4658, 0.4714, 0.2371



0.5875, 0.4384, 0.2189

Inverse Universe

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



37.5126, 0.3475, 0.2810



48.6790, 0.3575, 0.2709



59.0918, 0.2681, 0.3350



12.5352, 0.3205, 0.3161



9.4658, 0.4714, 0.2371



0.5875, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 37.5109, 0.3475, 0.2810 looks on a white background.

Color Contrast Check

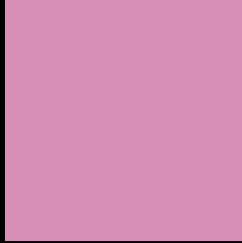
Large Text (above 18pt) WCAG AA × Fail

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 37.5109, 0.3475, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

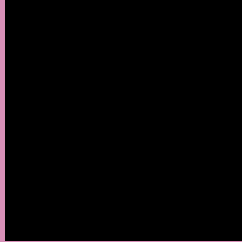
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5109, 0.3475, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 37.5109, 0.3475, 0.2810.



This preview shows how white text looks on a background with the Yxy color 37.5109, 0.3475, 0.2810.

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

37.5109, 0.3475, 0.2810

Protanopia

37.8055, 0.2814, 0.2849

Deuteranopia

37.8990, 0.3093, 0.3031



Tritanopia

37.3677, 0.3687, 0.3142

Trichromacy



Original Color

37.5109, 0.3475, 0.2810

Protanomaly

37.1222, 0.3036, 0.2826

Deuteranomaly

37.3945, 0.3231, 0.2938

Tritanomaly

37.5311, 0.3605, 0.3021

Monochromacy



Original Color

37.5109, 0.3475, 0.2810

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6367, 0.3251, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5109, 0.3475, 0.2810 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(215, 143, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 143, 183)  
}
```

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(215, 143, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 143, 183) }
```

Border

The CSS property to change the border of an element to Yxy 37.5109, 0.3475, 0.2810 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(215, 143, 183) }
```

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

```
.border{ border-color:rgb(215, 143, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 143, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 143, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 143, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 143,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5109, 0.3475, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 143, 183) }
```

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

```
.background{ background-color: rgb(215,  
143, 183) }
```

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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