

Converting Colors

Yxy(37.8913, 0.3393, 0.2899)

Have a look what the booklet for
Yxy(37.8913, 0.3393, 0.2899)
contains.

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Color

Yxy(37.8102, 0.3385, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	CD95B5
RGB	205, 149, 181
RGB Percent	80%, 58%, 71%
CMY	0.1962, 0.4156, 0.2902
CMYK	0.00, 0.27, 0.12, 0.20
HSL	326°, 36%, 69%
HSV	326°, 27%, 80%
XYZ	44.2557, 37.8102, 48.6747
YIQ	169.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

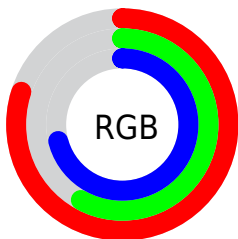
Format	Color
R _Y B	205, 149, 181
Decimal	13473205
CIE Lab	67.88, 25.98, -8.30
CIE LCh	68, 27.278, 342.278
Yxy	37.8102, 0.3385, 0.2892
Android (android.graphics.Color)	4291663285 (0xFFCD95B5)
YUV	169.3920, 5.7227, 31.2282
Hunter-Lab	61.4900, 20.8629, -3.8903

Details

The Yxy color **37.8102, 0.3385, 0.2892** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.0532, 0.2933, 0.3726**, and the grayscale version is **39.8429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5602, 0.3278, 0.2961**, and **16.7779, 0.3463, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **31.5365, 0.3513, 0.2741**, and if you desaturate by 10%, it is **45.2513, 0.3276, 0.3043**.

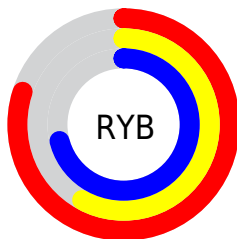
Distribution



Red (80%)

Green (58%)

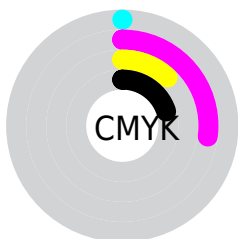
Blue (71%)



Red (80%)

Yellow (58%)

Blue (71%)

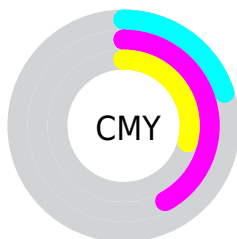


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8102, 0.3385, 0.2892 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 37.8102, 0.3385, 0.2892 by changing the saturation by 10% instead.


 37.8102, 0.3385,
0.2892


 37.8102, 0.3385,
0.2892


336.8051, 0.3255,
0.3092

 25.8354, 0.3418,
0.2842


 71.8171, 0.3337,
0.2965

 16.7006, 0.3461,
0.2778


 94.6181, 0.3320,
0.2992

 10.0212, 0.3518,
0.2692


121.7965, 0.3305,
0.3015

 5.4130, 0.3598,
0.2573

153.7368, 0.3292,
0.3035

 2.4916, 0.3720,
0.2395

190.8235, 0.3281,
0.3052

 0.8724, 0.3926,
0.2102

233.4408, 0.3271,

 0.0000, 0.5586,

0.3067

0.0000

281.9732, 0.3262,
0.3080

0.0000, 0.0000,
0.0000

37.8102, 0.3385,
0.2892

37.8102, 0.3385,
0.2892

31.5365, 0.3513,
0.2741

45.2513, 0.3276,
0.3043

26.3649, 0.3662,
0.2597

53.9107, 0.3184,
0.3188

22.2315, 0.3831,
0.2469

63.8421, 0.3108,
0.3327

19.0634, 0.4018,
0.2367

75.0948, 0.3044,
0.3456

16.7785, 0.4216,
0.2305

87.7152, 0.2992,
0.3575

■ 15.2806, 0.4419,
0.2293

■ 90.4166, 0.2944,
0.3515

■ 14.4381, 0.4617,
0.2332

■ 90.9332, 0.2898,
0.3421

■ 14.2609, 0.4671,
0.2347

■ 91.4753, 0.2852,
0.3328

■ 91.7137, 0.2832,
0.3289

Harmonies

Analogous

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



37.8102, 0.2969, 0.2693



37.8102, 0.3385, 0.2892



37.8102, 0.3748, 0.3185

Triad

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



37.8102, 0.3385, 0.2892



37.8102, 0.3627, 0.4006



37.8102, 0.2382, 0.2978

Complementary

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



37.8102, 0.3385, 0.2892



53.0532, 0.2933, 0.3726

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.



37.8102, 0.2534, 0.3355



37.8102, 0.3385, 0.2892



37.8102, 0.3243, 0.3989

Square

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



37.8102, 0.3385, 0.2892



37.8102, 0.3886, 0.3819



37.8102, 0.2844, 0.3743



37.8102, 0.2413, 0.2722

Rectangle

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



37.8102, 0.3385, 0.2892



37.8102, 0.3897, 0.3406



37.8102, 0.2844, 0.3743



37.8102, 0.2413, 0.3094

Sweetspot

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



37.8119, 0.3385, 0.2892



87.1175, 0.3191, 0.3177



34.7166, 0.2858, 0.2554



18.1611, 0.3204, 0.3155



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.



37.8119, 0.3385, 0.2892



55.4402, 0.3461, 0.2799



36.7988, 0.3664, 0.3232



11.3193, 0.3202, 0.3158



8.9010, 0.4644, 0.2332



0.4742, 0.4289, 0.2137

Inverse Universe

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



37.8119, 0.3385, 0.2892



55.4402, 0.3461, 0.2799



54.2204, 0.2761, 0.3350



11.3193, 0.3202, 0.3158



8.9010, 0.4644, 0.2332



0.4742, 0.4289, 0.2137

Previews

White Background



This preview shows how the Yxy color 37.8102, 0.3385, 0.2892 looks on a white background.

Color Contrast Check

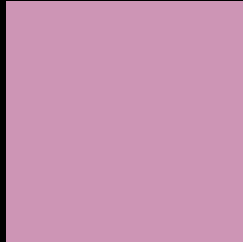
Large Text (above 18pt) WCAG AA × Fail

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 37.8102, 0.3385, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

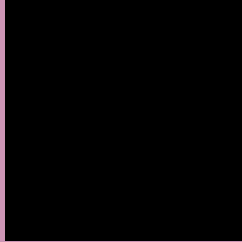
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8102, 0.3385, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 37.8102, 0.3385, 0.2892.



This preview shows how white text looks on a background with the Yxy color 37.8102, 0.3385, 0.2892.

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

37.8102, 0.3385, 0.2892

Protanopia

37.8896, 0.2877, 0.2917

Deuteranopia

37.9745, 0.3110, 0.3045



Tritanopia

37.8333, 0.3530, 0.3138

Trichromacy



Original Color

37.8102, 0.3385, 0.2892

Protanomaly

37.7312, 0.3051, 0.2915

Deuteranomaly

37.9740, 0.3209, 0.2987

Tritanomaly

37.8729, 0.3481, 0.3050

Monochromacy



Original Color

37.8102, 0.3385, 0.2892

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.8029, 0.3219, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8102, 0.3385, 0.2892 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(205, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 149, 181)  
}
```

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(205, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 149, 181) }
```

Border

The CSS property to change the border of an element to Yxy 37.8102, 0.3385, 0.2892 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(205, 149, 181) }
```

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

```
.border{ border-color:rgb(205, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 149, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 149, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 149,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8102, 0.3385, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 149, 181) }
```

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

```
.background{ background-color: rgb(205,  
149, 181) }
```

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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