

Converting Colors

$Yxy(37.6316, 0.3479, 0.2897)$

Have a look what the booklet for
Yxy(37.6316, 0.3479, 0.2897)
contains.

Yxy(37.6210, 0.3481, 0.2898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.6210, 0.3481, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	D392B2
RGB	211, 146, 178
RGB Percent	83%, 57%, 70%
CMY	0.1724, 0.4275, 0.3019
CMYK	0.00, 0.31, 0.16, 0.17
HSL	330°, 43%, 70%
HSV	330°, 31%, 83%
XYZ	45.1893, 37.6210, 47.0068
YIQ	169.0830, 28.4680, 23.7320

Conversions

Conversions Part 2

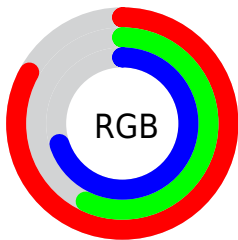
Format	Color
R _Y B	211, 146, 178
Decimal	13865650
CIE Lab	67.74, 29.29, -6.78
CIE LCh	68, 30.068, 346.973
Yxy	37.6210, 0.3481, 0.2898
Android (android.graphics.Color)	4292055730 (0xFFD392B2)
YUV	169.0830, 4.3961, 36.7612
Hunter-Lab	61.3360, 24.1721, -2.5036

Details

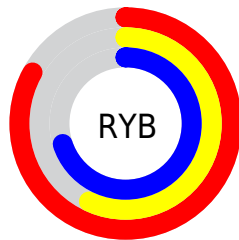
The Yxy color **37.6210, 0.3481, 0.2898** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9755, 0.2878, 0.3721**, and the grayscale version is **39.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9738, 0.3303, 0.2960**, and **16.6336, 0.3586, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **31.2930, 0.3644, 0.2768**, and if you desaturate by 10%, it is **45.1871, 0.3344, 0.3030**.

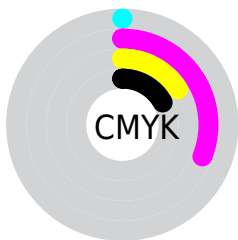
Distribution



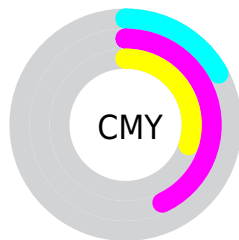
- Red (83%)
- Green (57%)
- Blue (70%)



- Red (83%)
- Yellow (57%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6210, 0.3481, 0.2898 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 37.6210, 0.3481, 0.2898 by changing the saturation by 10% instead.


 37.6210, 0.3481,
0.2898


 37.6210, 0.3481,
0.2898


335.9914, 0.3301,
0.3095

 25.6887, 0.3527,
0.2848


 71.5269, 0.3415,
0.2970

 16.5909, 0.3587,
0.2785

 94.2692, 0.3390,
0.2997

 9.9432, 0.3668,
0.2700


121.3836, 0.3369,
0.3020

 5.3613, 0.3783,
0.2580

153.2546, 0.3352,
0.3039

 2.4608, 0.3959,
0.2402

190.2664, 0.3336,
0.3056

 0.8569, 0.4261,
0.2106

232.8036, 0.3323,


 0.0000, 0.7032,


0.3071


0.0000


281.2504, 0.3311,
0.3084


 0.0000, 0.0000,
0.0000


 37.6210, 0.3481,
0.2898


 37.6210, 0.3481,
0.2898


 31.2930, 0.3644,
0.2768

 45.1871, 0.3344,
0.3030

 26.1308, 0.3833,
0.2646


 54.0478, 0.3229,
0.3158


 22.0628, 0.4049,
0.2544

 64.2626, 0.3134,
0.3280


 19.0073, 0.4287,
0.2472


 75.8857, 0.3056,
0.3394


 16.8708, 0.4538,
0.2445


 88.9682, 0.2991,
0.3500

 15.5422, 0.4789,
0.2470

 91.8043, 0.2933,
0.3421

 14.8531, 0.5011,
0.2534

 92.4682, 0.2877,
0.3310

 92.5956, 0.2866,
0.3289

Harmonies

Analogous

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



37.6210, 0.3021, 0.2662



37.6210, 0.3481, 0.2898



37.6210, 0.3861, 0.3228

Triad

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



37.6210, 0.3481, 0.2898



37.6210, 0.3615, 0.4095



37.6210, 0.2303, 0.2888

Complementary

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



37.6210, 0.3481, 0.2898



55.9755, 0.2878, 0.3721

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.



37.6210, 0.2437, 0.3289



37.6210, 0.3481, 0.2898



37.6210, 0.3181, 0.4041

Square

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



37.6210, 0.3481, 0.2898



37.6210, 0.3931, 0.3912



37.6210, 0.2751, 0.3731



37.6210, 0.2367, 0.2636

Rectangle

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



37.6210, 0.3481, 0.2898



37.6210, 0.4001, 0.3470



37.6210, 0.2751, 0.3731



37.6210, 0.2325, 0.3008

Sweetspot

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



37.6227, 0.3481, 0.2898



85.4936, 0.3211, 0.3180



34.7835, 0.2863, 0.2458



17.8324, 0.3226, 0.3162



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.



37.6227, 0.3481, 0.2898



51.1376, 0.3585, 0.2812



36.4825, 0.3821, 0.3292



11.9039, 0.3215, 0.3176



8.9802, 0.4977, 0.2515



0.5181, 0.4567, 0.2289

Inverse Universe

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



37.6227, 0.3481, 0.2898



51.1376, 0.3585, 0.2812



57.4258, 0.2687, 0.3289



11.9039, 0.3215, 0.3176



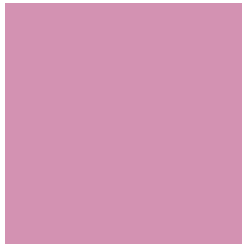
8.9802, 0.4977, 0.2515



0.5181, 0.4567, 0.2289

Previews

White Background



This preview shows how the Yxy color 37.6210, 0.3481, 0.2898 looks on a white background.

Color Contrast Check

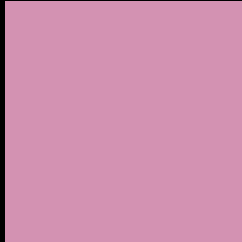
Large Text (above 18pt) WCAG AA × Fail

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 37.6210, 0.3481, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

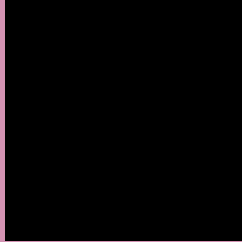
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6210, 0.3481, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 37.6210, 0.3481, 0.2898.



This preview shows how white text looks on a background with the Yxy color 37.6210, 0.3481, 0.2898.

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

37.6210, 0.3481, 0.2898

Protanopia

37.8021, 0.2893, 0.2943

Deuteranopia

37.9320, 0.3155, 0.3099



Tritanopia

37.5883, 0.3640, 0.3153

Trichromacy



Original Color

37.6210, 0.3481, 0.2898

Protanomaly

37.2004, 0.3088, 0.2915

Deuteranomaly

37.7303, 0.3266, 0.3027

Tritanomaly

37.6715, 0.3580, 0.3055

Monochromacy



Original Color

37.6210, 0.3481, 0.2898

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6586, 0.3249, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6210, 0.3481, 0.2898 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(211, 146, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 178)  
}
```

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(211, 146, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 178) }
```

Border

The CSS property to change the border of an element to Yxy 37.6210, 0.3481, 0.2898 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(211, 146, 178) }
```

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

```
.border{ border-color:rgb(211, 146, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6210, 0.3481, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 178) }
```

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

```
.background{ background-color: rgb(211,  
146, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor