

Converting Colors

$Yxy(37.6645, 0.3465, 0.2876)$

Have a look what the booklet for
Yxy(37.6645, 0.3465, 0.2876)
contains.

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Color

Yxy(37.7019, 0.3460, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	D392B4
RGB	211, 146, 180
RGB Percent	83%, 57%, 71%
CMY	0.1727, 0.4274, 0.2941
CMYK	0.00, 0.31, 0.15, 0.17
HSL	329°, 42%, 70%
HSV	329°, 31%, 83%
XYZ	45.3734, 37.7019, 48.0617
YIQ	169.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

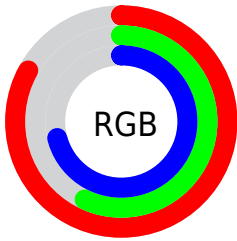
Format	Color
R _Y B	211, 146, 180
Decimal	13865652
CIE Lab	67.80, 29.56, -7.80
CIE LCh	68, 30.575, 345.226
Yxy	37.7019, 0.3460, 0.2875
Android (android.graphics.Color)	4292055732 (0xFFD392B4)
YUV	169.3110, 5.2697, 36.5613
Hunter-Lab	61.4019, 24.4508, -3.4274

Details

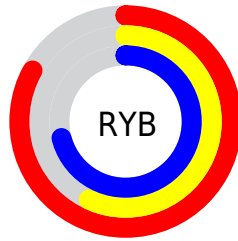
The Yxy color **37.7019, 0.3460, 0.2875** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8597, 0.2890, 0.3748**, and the grayscale version is **39.8018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0894, 0.3288, 0.2940**, and **16.5063, 0.3559, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **31.3921, 0.3612, 0.2737**, and if you desaturate by 10%, it is **45.2451, 0.3331, 0.3015**.

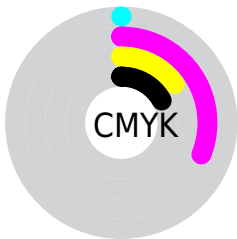
Distribution



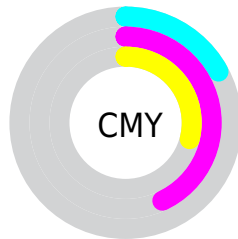
- Red (83%)
- Green (57%)
- Blue (71%)



- Red (83%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7019, 0.3460, 0.2875 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 37.7019, 0.3460, 0.2875 by changing the saturation by 10% instead.


 37.7019, 0.3460,
0.2875


 37.7019, 0.3460,
0.2875


336.3395, 0.3291,
0.3083

 25.7514, 0.3503,
0.2823


 71.6510, 0.3398,
0.2951

 16.6378, 0.3559,
0.2756


 94.4184, 0.3375,
0.2979

 9.9766, 0.3633,
0.2667


121.5602, 0.3356,
0.3003

 5.3834, 0.3739,
0.2543

153.4608, 0.3339,
0.3024

 2.4739, 0.3901,
0.2358

190.5047, 0.3325,
0.3041

 0.8635, 0.4175,
0.2054

233.0762, 0.3312,


 0.0000, 0.6365,


0.3057


0.0000


281.5596, 0.3301,
0.3071


 0.0000, 0.0000,
0.0000


 37.7019, 0.3460,
0.2875


 37.7019, 0.3460,
0.2875


 31.3921, 0.3612,
0.2737


 45.2451, 0.3331,
0.3015


 26.2437, 0.3789,
0.2608


 54.0782, 0.3223,
0.3151

 22.1855, 0.3989,
0.2499


 64.2604, 0.3134,
0.3280

 19.1358, 0.4208,
0.2420

 75.8456, 0.3059,
0.3401

 17.0015, 0.4440,
0.2386

 88.8850, 0.2998,
0.3514

 15.6719, 0.4672,
0.2404

 91.6770, 0.2943,
0.3442

 14.9776, 0.4879,
0.2462

 92.2929, 0.2890,
0.3336

 92.5841, 0.2866,
0.3289

Harmonies

Analogous

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



37.7019, 0.2992, 0.2643



37.7019, 0.3460, 0.2875



37.7019, 0.3855, 0.3205

Triad

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



37.7019, 0.3460, 0.2875



37.7019, 0.3645, 0.4103



37.7019, 0.2293, 0.2901

Complementary

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



37.7019, 0.3460, 0.2875



55.8597, 0.2890, 0.3748

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.



37.7019, 0.2440, 0.3315



37.7019, 0.3460, 0.2875



37.7019, 0.3208, 0.4065

Square

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



37.7019, 0.3460, 0.2875



37.7019, 0.3957, 0.3904



37.7019, 0.2768, 0.3763



37.7019, 0.2347, 0.2636

Rectangle

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



37.7019, 0.3460, 0.2875



37.7019, 0.4008, 0.3450



37.7019, 0.2768, 0.3763



37.7019, 0.2320, 0.3026

Sweetspot

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



37.7036, 0.3460, 0.2875



85.5363, 0.3207, 0.3173



34.5346, 0.2844, 0.2454



17.8429, 0.3221, 0.3154



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.



37.7036, 0.3460, 0.2875



51.2808, 0.3558, 0.2783



36.5526, 0.3796, 0.3265



11.9101, 0.3210, 0.3169



9.0629, 0.4848, 0.2444



0.5227, 0.4466, 0.2234

Inverse Universe

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



37.7036, 0.3460, 0.2875



51.2808, 0.3558, 0.2783



57.2792, 0.2700, 0.3317



11.9101, 0.3210, 0.3169



9.0629, 0.4848, 0.2444



0.5227, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 37.7019, 0.3460, 0.2875 looks on a white background.

Color Contrast Check

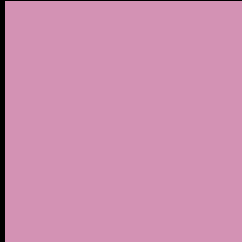
Large Text (above 18pt) WCAG AA × Fail

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 37.7019, 0.3460, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

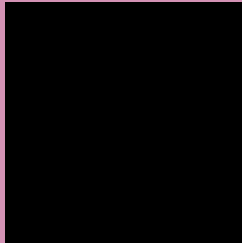
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7019, 0.3460, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 37.7019, 0.3460, 0.2875.



This preview shows how white text looks on a background with the Yxy color 37.7019, 0.3460, 0.2875.

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

37.7019, 0.3460, 0.2875

Protanopia

37.9338, 0.2870, 0.2904

Deuteranopia

37.8942, 0.3128, 0.3072



Tritanopia

37.6234, 0.3629, 0.3141

Trichromacy



Original Color

37.7019, 0.3460, 0.2875

Protanomaly

37.3285, 0.3062, 0.2877

Deuteranomaly

37.8101, 0.3247, 0.3001

Tritanomaly

37.7086, 0.3569, 0.3043

Monochromacy



Original Color

37.7019, 0.3460, 0.2875

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6972, 0.3239, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7019, 0.3460, 0.2875 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 180) }
```

Border

The CSS property to change the border of an element to Yxy 37.7019, 0.3460, 0.2875 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, 180) }
```

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

```
.border{ border-color:rgb(211, 146, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7019, 0.3460, 0.2875 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, 180) }
```

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

```
.background{ background-color: rgb(211,  
146, 180) }
```

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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