

Converting Colors

$Yxy(37.2477, 0.3481, 0.2920)$

Have a look what the booklet for
Yxy(37.2477, 0.3481, 0.2920)
contains.

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Color

Yxy(37.2477, 0.3481, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	D192B0
RGB	209, 146, 176
RGB Percent	82%, 57%, 69%
CMY	0.1805, 0.4274, 0.3099
CMYK	0.00, 0.30, 0.16, 0.18
HSL	331°, 41%, 70%
HSV	331°, 30%, 82%
XYZ	44.4039, 37.2477, 45.9091
YIQ	168.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

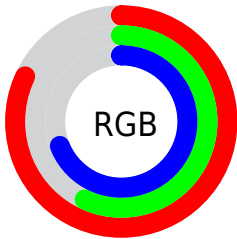
Format	Color
R _Y B	209, 146, 176
Decimal	13734576
CIE Lab	67.46, 28.22, -6.07
CIE LCh	67, 28.863, 347.858
Yxy	37.2477, 0.3481, 0.2920
Android (android.graphics.Color)	4291924656 (0xFFD192B0)
YUV	168.2570, 3.8173, 35.7316
Hunter-Lab	61.0309, 23.0660, -1.8779

Details

The Yxy color **37.2477, 0.3481, 0.2920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9607, 0.2876, 0.3694**, and the grayscale version is **39.2616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8595, 0.3318, 0.2979**, and **16.5097, 0.3586, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **30.9674, 0.3647, 0.2794**, and if you desaturate by 10%, it is **44.7441, 0.3341, 0.3047**.

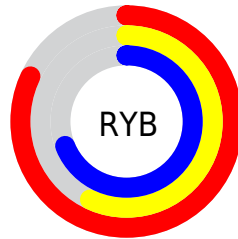
Distribution



Red (82%)

Green (57%)

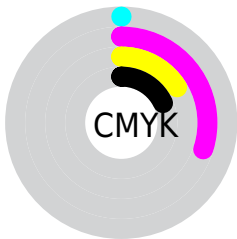
Blue (69%)



Red (82%)

Yellow (57%)

Blue (69%)

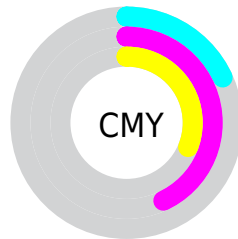


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2477, 0.3481, 0.2920 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 37.2477, 0.3481, 0.2920 by changing the saturation by 10% instead.


 37.2477, 0.3481,
0.2920


 37.2477, 0.3481,
0.2920


334.3817, 0.3300,
0.3107

 25.3993, 0.3527,
0.2873


 70.9536, 0.3414,
0.2988

 16.3748, 0.3588,
0.2812


 93.5799, 0.3390,
0.3014

 9.7898, 0.3670,
0.2730


120.5676, 0.3369,
0.3035

 5.2598, 0.3787,
0.2615

152.3012, 0.3351,
0.3054

 2.4005, 0.3968,
0.2442

189.1650, 0.3336,
0.3070

 0.8261, 0.4283,
0.2150

231.5434, 0.3322,

 0.0000, 0.7806,

0.3084

0.0000

279.8208, 0.3311,
0.3096


 0.0000, 0.0000,
0.0000


 37.2477, 0.3481,
0.2920


 37.2477, 0.3481,
0.2920


 30.9674, 0.3647,
0.2794


 44.7441, 0.3341,
0.3047


 25.8331, 0.3842,
0.2675


 53.5116, 0.3225,
0.3171


 21.7751, 0.4065,
0.2575


 63.6081, 0.3128,
0.3289

 18.7144, 0.4311,
0.2505

 75.0863, 0.3049,
0.3398

 16.5605, 0.4571,
0.2477

 87.9961, 0.2983,
0.3499

 15.2065, 0.4833,
0.2501

 91.4661, 0.2925,
0.3428

 14.4617, 0.5080,
0.2572

 92.1432, 0.2867,
0.3313

 92.2928, 0.2855,
0.3289

Harmonies

Analogous

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



37.2477, 0.3038, 0.2688



37.2477, 0.3481, 0.2920



37.2477, 0.3842, 0.3241

Triad

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



37.2477, 0.3481, 0.2920



37.2477, 0.3587, 0.4067



37.2477, 0.2330, 0.2894

Complementary

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



37.2477, 0.3481, 0.2920



54.9607, 0.2876, 0.3694

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.



37.2477, 0.2454, 0.3277



37.2477, 0.3481, 0.2920



37.2477, 0.3167, 0.4006

Square

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



37.2477, 0.3481, 0.2920



37.2477, 0.3896, 0.3898



37.2477, 0.2755, 0.3703



37.2477, 0.2398, 0.2655

Rectangle

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



37.2477, 0.3481, 0.2920



37.2477, 0.3972, 0.3476



37.2477, 0.2755, 0.3703



37.2477, 0.2350, 0.3009

Sweetspot

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



37.2494, 0.3481, 0.2920



85.4705, 0.3214, 0.3184



34.6958, 0.2880, 0.2481



17.8267, 0.3229, 0.3166



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.



37.2494, 0.3481, 0.2920



52.0243, 0.3582, 0.2840



36.5168, 0.3795, 0.3305



11.9006, 0.3217, 0.3180



8.9380, 0.5047, 0.2554



0.5157, 0.4622, 0.2320

Inverse Universe

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



37.2494, 0.3481, 0.2920



52.0243, 0.3582, 0.2840



55.7943, 0.2695, 0.3275



11.9006, 0.3217, 0.3180



8.9380, 0.5047, 0.2554



0.5157, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 37.2477, 0.3481, 0.2920 looks on a white background.

Color Contrast Check

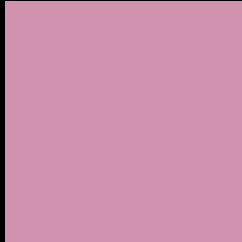
Large Text (above 18pt) WCAG AA × Fail

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 37.2477, 0.3481, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

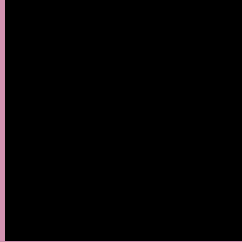
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2477, 0.3481, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 37.2477, 0.3481, 0.2920.



This preview shows how white text looks on a background with the Yxy color 37.2477, 0.3481, 0.2920.

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

37.2477, 0.3481, 0.2920

Protanopia

37.3593, 0.2908, 0.2955

Deuteranopia

37.5059, 0.3174, 0.3112



Tritanopia

37.2984, 0.3619, 0.3152

Trichromacy



Original Color

37.2477, 0.3481, 0.2920

Protanomaly

36.9978, 0.3096, 0.2940

Deuteranomaly

37.3175, 0.3286, 0.3039

Tritanomaly

37.3429, 0.3570, 0.3065

Monochromacy



Original Color

37.2477, 0.3481, 0.2920

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1492, 0.3249, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2477, 0.3481, 0.2920 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(209, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 146, 176)  
}
```

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(209, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 146, 176) }
```

Border

The CSS property to change the border of an element to Yxy 37.2477, 0.3481, 0.2920 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(209, 146, 176) }
```

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

```
.border{ border-color:rgb(209, 146, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 146, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 146, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 146, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 146,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2477, 0.3481, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 146, 176) }
```

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

```
.background{ background-color: rgb(209,  
146, 176) }
```

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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