

Converting Colors

$Y_{xy}(37.9588, 0.3611, 0.2980)$

Have a look what the booklet for
Yxy(37.9588, 0.3611, 0.2980)
contains.

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Color

Yxy(37.9428, 0.3616, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	D991AB
RGB	217, 145, 171
RGB Percent	85%, 57%, 67%
CMY	0.1491, 0.4313, 0.3294
CMYK	0.00, 0.33, 0.21, 0.15
HSL	338°, 49%, 71%
HSV	338°, 33%, 85%
XYZ	46.0871, 37.9428, 43.4233
YIQ	169.4920, 34.5660, 23.3500

Conversions

Conversions Part 2

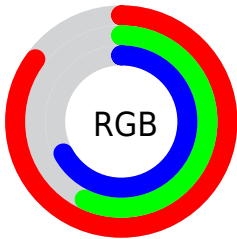
Format	Color
R _Y B	217, 145, 171
Decimal	14258603
CIE Lab	67.98, 30.83, -2.42
CIE LCh	68, 30.930, 355.505
Yxy	37.9428, 0.3616, 0.2977
Android (android.graphics.Color)	4292448683 (0xFFD991AB)
YUV	169.4920, 0.7434, 41.6645
Hunter-Lab	61.5977, 25.7566, 1.3220

Details

The Yxy color **37.9428, 0.3616, 0.2977** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3982, 0.2805, 0.3630**, and the grayscale version is **39.9171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0595, 0.3364, 0.3028**, and **16.7377, 0.3770, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **31.4326, 0.3835, 0.2881**, and if you desaturate by 10%, it is **45.7784, 0.3434, 0.3075**.

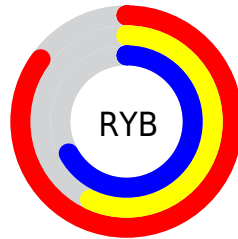
Distribution



Red (85%)

Green (57%)

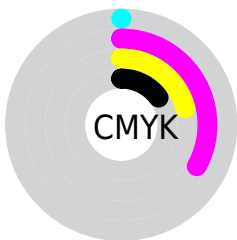
Blue (67%)



Red (85%)

Yellow (57%)

Blue (67%)

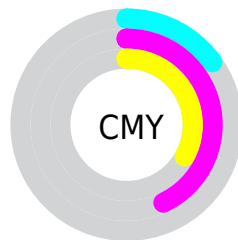


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9428, 0.3616, 0.2977 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 37.9428, 0.3616, 0.2977 by changing the saturation by 10% instead.

 37.9428, 0.3616,
0.2977


 37.9428, 0.3616,
0.2977

337.3745, 0.3364,
0.3137

 25.9383, 0.3681,
0.2936


 72.0205, 0.3523,
0.3036

 16.7775, 0.3766,
0.2883


 94.8624, 0.3488,
0.3058

 10.0760, 0.3882,
0.2812


122.0856, 0.3460,
0.3076

 5.4494, 0.4048,
0.2710

154.0745, 0.3435,
0.3092

 2.5133, 0.4306,
0.2554

191.2134, 0.3414,
0.3105

 0.8833, 0.4758,
0.2287

233.8868, 0.3395,

 0.0000, 1.0000,

0.3117

0.0000

282.4791, 0.3379,
0.3127

0.0000, 0.0000,
0.0000

37.9428, 0.3616,
0.2977

37.9428, 0.3616,
0.2977

31.4326, 0.3835,
0.2881

45.7784, 0.3434,
0.3075

26.1684, 0.4092,
0.2796

55.0021, 0.3284,
0.3171

22.0705, 0.4387,
0.2730

65.6794, 0.3161,
0.3262

19.0479, 0.4710,
0.2697

77.8696, 0.3061,
0.3347

16.9956, 0.5043,
0.2709

91.6291, 0.2979,
0.3426

■ 15.7872, 0.5361,
0.2772

■ 93.4360, 0.2904,
0.3298

■ 15.3039, 0.5560,
0.2837

■ 93.4887, 0.2900,
0.3289

Harmonies

Analogous

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



37.9428, 0.3151, 0.2703



37.9428, 0.3616, 0.2977



37.9428, 0.3955, 0.3330

Triad

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



37.9428, 0.3616, 0.2977



37.9428, 0.3507, 0.4129



37.9428, 0.2281, 0.2785

Complementary

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



37.9428, 0.3616, 0.2977



59.3982, 0.2805, 0.3630

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.



37.9428, 0.2361, 0.3160



37.9428, 0.3616, 0.2977



37.9428, 0.3050, 0.3995

Square

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



37.9428, 0.3616, 0.2977



37.9428, 0.3878, 0.3999



37.9428, 0.2634, 0.3620



37.9428, 0.2404, 0.2581

Rectangle

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



37.9428, 0.3616, 0.2977



37.9428, 0.4049, 0.3578



37.9428, 0.2634, 0.3620



37.9428, 0.2285, 0.2894

Sweetspot

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



37.9446, 0.3616, 0.2977



83.7905, 0.3244, 0.3200



36.2879, 0.2923, 0.2409



17.4845, 0.3262, 0.3187



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.



37.9446, 0.3616, 0.2977



47.7528, 0.3769, 0.2908



40.1069, 0.3858, 0.3410



13.1288, 0.3235, 0.3206



9.2845, 0.5522, 0.2816



0.6177, 0.5072, 0.2568

Inverse Universe

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



37.9446, 0.3616, 0.2977



47.7528, 0.3769, 0.2908



55.8424, 0.2642, 0.3166



13.1288, 0.3235, 0.3206



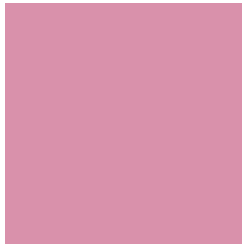
9.2845, 0.5522, 0.2816



0.6177, 0.5072, 0.2568

Previews

White Background



This preview shows how the Yxy color 37.9428, 0.3616, 0.2977 looks on a white background.

Color Contrast Check

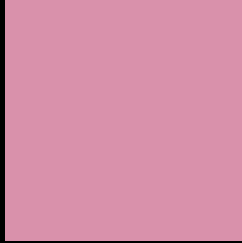
Large Text (above 18pt) WCAG AA × Fail

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 37.9428, 0.3616, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

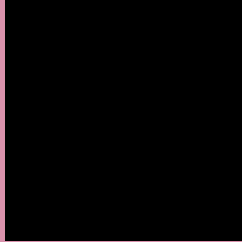
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9428, 0.3616, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 37.9428, 0.3616, 0.2977.



This preview shows how white text looks on a background with the Yxy color 37.9428, 0.3616, 0.2977.

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

37.9428, 0.3616, 0.2977

Protanopia

38.2217, 0.2967, 0.3040

Deuteranopia

38.1406, 0.3256, 0.3195



Tritanopia

37.9350, 0.3739, 0.3157

Trichromacy



Original Color

37.9428, 0.3616, 0.2977

Protanomaly

37.7757, 0.3179, 0.3010

Deuteranomaly

37.7766, 0.3383, 0.3107

Tritanomaly

37.8010, 0.3688, 0.3084

Monochromacy



Original Color

37.9428, 0.3616, 0.2977

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.4830, 0.3287, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9428, 0.3616, 0.2977 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(217, 145, 171)` looks like.

```
.text, #text, p{  
  color:rgb(217, 145, 171)  
}
```

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(217, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 145, 171) }
```

Border

The CSS property to change the border of an element to Yxy 37.9428, 0.3616, 0.2977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

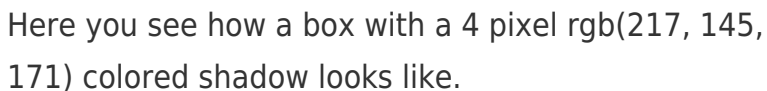
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 145, 171) }
```

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

```
.border{ border-color:rgb(217, 145, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 145, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 145, 171); box-shadow:4px 4px 4px 4px rgb(217, 145, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9428, 0.3616, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 145, 171) }
```

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

```
.background{ background-color: rgb(217,  
145, 171) }
```

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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