

Converting Colors

$Yxy(38.1246, 0.3365, 0.2926)$

Have a look what the booklet for
Yxy(38.1246, 0.3365, 0.2926)
contains.

Yxy(37.9851, 0.3362, 0.2925)	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(37.9851, 0.3362, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	CA97B4
RGB	202, 151, 180
RGB Percent	79%, 59%, 71%
CMY	0.2079, 0.4078, 0.2941
CMYK	0.00, 0.25, 0.11, 0.21
HSL	326°, 32%, 69%
HSV	326°, 25%, 79%
XYZ	43.6601, 37.9851, 48.2184
YIQ	169.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

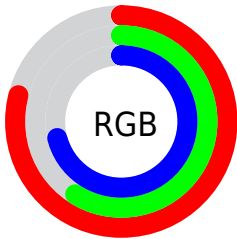
Format	Color
R_{YB}	202, 151, 180
Decimal	13277108
CIE _{Lab}	68.01, 23.68, -7.60
CIE _{LCh}	68, 24.871, 342.204
Yxy	37.9851, 0.3362, 0.2925
Android (android.graphics.Color)	4291467188 (0xFFCA97B4)
YUV	169.5550, 5.1494, 28.4543
Hunter-Lab	61.6321, 18.5933, -3.2436

Details

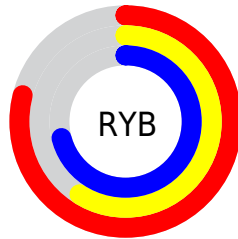
The Yxy color **37.9851, 0.3362, 0.2925** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.8311, 0.2946, 0.3686**, and the grayscale version is **39.9326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4587, 0.3284, 0.2991**, and **16.8497, 0.3431, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **31.6886, 0.3487, 0.2774**, and if you desaturate by 10%, it is **45.4211, 0.3256, 0.3074**.

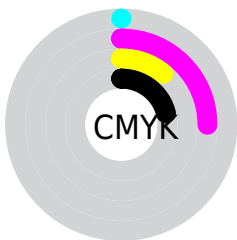
Distribution



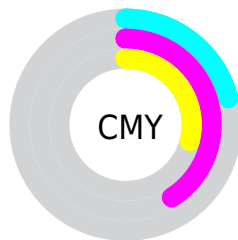
- Red (79%)
- Green (59%)
- Blue (71%)



- Red (79%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9851, 0.3362, 0.2925 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 37.9851, 0.3362, 0.2925 by changing the saturation by 10% instead.


 37.9851, 0.3362,
0.2925


 37.9851, 0.3362,
0.2925


337.5560, 0.3243,
0.3108

 25.9711, 0.3392,
0.2879


 72.0853, 0.3318,
0.2992

 16.8020, 0.3431,
0.2820


 94.9403, 0.3302,
0.3017

 10.0935, 0.3483,
0.2741

122.1778, 0.3289,
0.3038

 5.4610, 0.3557,
0.2630

154.1821, 0.3277,
0.3056

 2.5202, 0.3670,
0.2464

191.3377, 0.3267,
0.3072

 0.8867, 0.3860,
0.2189

234.0290, 0.3258,

 0.0000, 0.5584,

0.3086

0.0000

282.6403, 0.3250,
0.3098

0.0000, 0.0000,
0.0000

37.9851, 0.3362,
0.2925

37.9851, 0.3362,
0.2925

31.6886, 0.3487,
0.2774

45.4211, 0.3256,
0.3074

26.4692, 0.3632,
0.2629

54.0447, 0.3168,
0.3218

22.2666, 0.3798,
0.2497

63.9071, 0.3094,
0.3354

19.0122, 0.3982,
0.2390

75.0555, 0.3032,
0.3480

16.6287, 0.4180,
0.2319

87.5341, 0.2981,
0.3597

■ 15.0267, 0.4384,
0.2296

■ 89.9149, 0.2935,
0.3532

■ 14.0972, 0.4584,
0.2325

■ 90.4227, 0.2889,
0.3438

■ 13.7908, 0.4679,
0.2351

■ 90.9554, 0.2843,
0.3345

■ 91.2946, 0.2816,
0.3289

Harmonies

Analogous

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



37.9851, 0.2983, 0.2742



37.9851, 0.3362, 0.2925



37.9851, 0.3691, 0.3195

Triad

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



37.9851, 0.3362, 0.2925



37.9851, 0.3585, 0.3941



37.9851, 0.2445, 0.3009

Complementary

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



37.9851, 0.3362, 0.2925



51.8311, 0.2946, 0.3686

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.



37.9851, 0.2586, 0.3352



37.9851, 0.3362, 0.2925



37.9851, 0.3236, 0.3923

Square

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



37.9851, 0.3362, 0.2925



37.9851, 0.3819, 0.3775



37.9851, 0.2871, 0.3701



37.9851, 0.2473, 0.2773

Rectangle

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



37.9851, 0.3362, 0.2925



37.9851, 0.3827, 0.3399



37.9851, 0.2871, 0.3701



37.9851, 0.2474, 0.3115

Sweetspot

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



37.9868, 0.3362, 0.2925



87.1144, 0.3191, 0.3177



35.1988, 0.2882, 0.2615



18.1603, 0.3205, 0.3156



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.



37.9868, 0.3362, 0.2925



58.5756, 0.3424, 0.2847



37.0661, 0.3611, 0.3237



11.3188, 0.3203, 0.3159



8.8938, 0.4654, 0.2337



0.4739, 0.4297, 0.2141

Inverse Universe

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



37.9868, 0.3362, 0.2925



58.5756, 0.3424, 0.2847



52.8798, 0.2786, 0.3345



11.3188, 0.3203, 0.3159



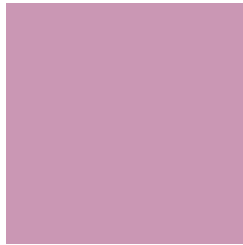
8.8938, 0.4654, 0.2337



0.4739, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 37.9851, 0.3362, 0.2925 looks on a white background.

Color Contrast Check

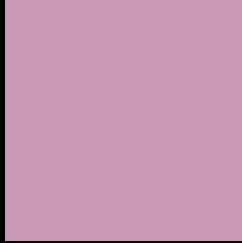
Large Text (above 18pt) WCAG AA × Fail

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 37.9851, 0.3362, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

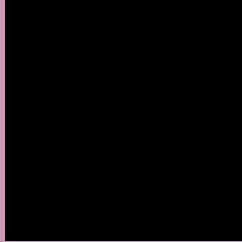
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9851, 0.3362, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 37.9851, 0.3362, 0.2925.



This preview shows how white text looks on a background with the Yxy color 37.9851, 0.3362, 0.2925.

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

37.9851, 0.3362, 0.2925

Protanopia

38.2658, 0.2902, 0.2958

Deuteranopia

38.0512, 0.3129, 0.3059



Tritanopia

38.1072, 0.3485, 0.3149

Trichromacy



Original Color

37.9851, 0.3362, 0.2925

Protanomaly

38.0339, 0.3060, 0.2941

Deuteranomaly

37.8077, 0.3208, 0.2999

Tritanomaly

38.1023, 0.3447, 0.3074

Monochromacy



Original Color

37.9851, 0.3362, 0.2925

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.1955, 0.3209, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9851, 0.3362, 0.2925 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(202, 151, 180)` looks like.

```
.text, #text, p{  
    color:rgb(202, 151, 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(202, 151, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 151, 180) }
```

Border

The CSS property to change the border of an element to Yxy 37.9851, 0.3362, 0.2925 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(202, 151, 180) }
```

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

```
.border{ border-color:rgb(202, 151, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 151, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 151, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 151, 180);  
box-shadow:4px 4px 4px 4px rgb(202, 151,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9851, 0.3362, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 151, 180) }
```

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

```
.background{ background-color: rgb(202,  
151, 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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