

Converting Colors

$Yxy(37.5013, 0.3272, 0.3091)$

Have a look what the booklet for
Yxy(37.5013, 0.3272, 0.3091)
contains.

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Color

Yxy(37.5316, 0.3273, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	BA9DAC
RGB	186, 157, 172
RGB Percent	73%, 62%, 67%
CMY	0.2705, 0.3843, 0.3255
CMYK	0.00, 0.16, 0.08, 0.27
HSL	329°, 17%, 67%
HSV	329°, 16%, 73%
XYZ	39.7543, 37.5316, 44.1755
YIQ	167.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

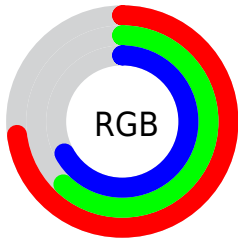
Format	Color
RYB	186, 157, 172
Decimal	12230060
CIELab	67.67, 13.26, -3.79
CIELCh	68, 13.794, 344.034
Yxy	37.5316, 0.3273, 0.3090
Android (android.graphics.Color)	4290420140 (0xFFBA9DAC)
YUV	167.3810, 2.2772, 16.3289
Hunter-Lab	61.2630, 8.6205, 0.1313

Details

The Yxy color **37.5316, 0.3273, 0.3090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2315, 0.3003, 0.3499**, and the grayscale version is **38.8243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5103, 0.3245, 0.3135**, and **16.6507, 0.3319, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **31.3771, 0.3391, 0.2955**, and if you desaturate by 10%, it is **44.6710, 0.3175, 0.3220**.

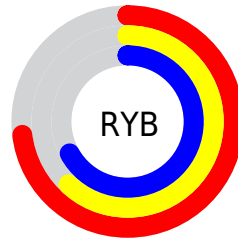
Distribution



Red (73%)

Green (62%)

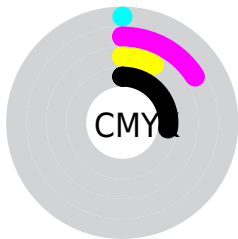
Blue (67%)



Red (73%)

Yellow (62%)

Blue (67%)

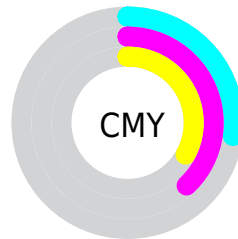


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5316, 0.3273, 0.3090 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 37.5316, 0.3273, 0.3090 by changing the saturation by 10% instead.


 37.5316, 0.3273,
0.3090


 37.5316, 0.3273,
0.3090


335.6064, 0.3198,
0.3192

 25.6194, 0.3292,
0.3064


 71.3896, 0.3245,
0.3128

 16.5391, 0.3318,
0.3030


 94.1042, 0.3235,
0.3142

 9.9064, 0.3352,
0.2983


121.1884, 0.3227,
0.3153

 5.3370, 0.3401,
0.2917

153.0265, 0.3219,
0.3163

 2.4463, 0.3478,
0.2815

190.0029, 0.3213,
0.3172

 0.8496, 0.3616,
0.2635

232.5021, 0.3207,


 0.0000, 1.0000,


0.3180


0.0000


280.9085, 0.3203,
0.3186


 0.0000, 0.0000,
0.0000


 37.5316, 0.3273,
0.3090


 37.5316, 0.3273,
0.3090


 31.3771, 0.3391,
0.2955


 44.6710, 0.3175,
0.3220


 26.1589, 0.3531,
0.2818


 52.8311, 0.3093,
0.3343


 21.8317, 0.3695,
0.2685

 62.0523, 0.3026,
0.3457

 18.3444, 0.3883,
0.2566

 72.3710, 0.2970,
0.3563

 15.6406, 0.4094,
0.2470

 83.8221, 0.2923,
0.3660

■ 13.6572, 0.4322,
0.2411

■ 87.4470, 0.2878,
0.3609

■ 12.3208, 0.4557,
0.2399

■ 87.9532, 0.2832,
0.3508

■ 11.5403, 0.4788,
0.2440

■ 88.4856, 0.2786,
0.3409

■ 11.2875, 0.4889,
0.2467

■ 89.0447, 0.2742,
0.3311

Harmonies

Analogous

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



37.5316, 0.3063, 0.2978



37.5316, 0.3273, 0.3090



37.5316, 0.3448, 0.3252

Triad

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



37.5316, 0.3273, 0.3090



37.5316, 0.3377, 0.3653



37.5316, 0.2736, 0.3130

Complementary

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



37.5316, 0.3273, 0.3090



45.2315, 0.3003, 0.3499

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.



37.5316, 0.2815, 0.3317



37.5316, 0.3273, 0.3090



37.5316, 0.3181, 0.3628

Square

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



37.5316, 0.3273, 0.3090



37.5316, 0.3508, 0.3576



37.5316, 0.2976, 0.3503



37.5316, 0.2758, 0.2995

Rectangle

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



37.5316, 0.3273, 0.3090



37.5316, 0.3518, 0.3370



37.5316, 0.2976, 0.3503



37.5316, 0.2752, 0.3189

Sweetspot

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



37.5333, 0.3273, 0.3090



81.6710, 0.3170, 0.3227



36.2663, 0.3001, 0.2893



17.7694, 0.3176, 0.3218



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5333, 0.3273, 0.3090



63.6697, 0.3314, 0.3040



37.0224, 0.3407, 0.3278



9.0876, 0.3209, 0.3172



7.6081, 0.4861, 0.2452



0.2807, 0.4325, 0.2156

Inverse Universe

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



37.5333, 0.3273, 0.3090



63.6697, 0.3314, 0.3040



45.7952, 0.2901, 0.3303



9.0876, 0.3209, 0.3172



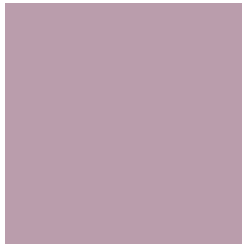
7.6081, 0.4861, 0.2452



0.2807, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 37.5316, 0.3273, 0.3090 looks on a white background.

Color Contrast Check

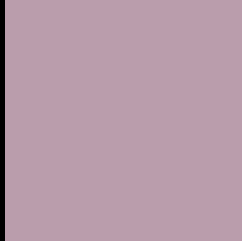
Large Text (above 18pt) WCAG AA × Fail

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 37.5316, 0.3273, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

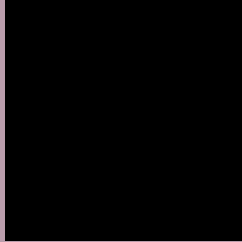
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5316, 0.3273, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 37.5316, 0.3273, 0.3090.



This preview shows how white text looks on a background with the Yxy color 37.5316, 0.3273, 0.3090.

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

37.5316, 0.3273, 0.3090

Protanopia

37.6848, 0.3034, 0.3121

Deuteranopia

37.5469, 0.3201, 0.3140



Tritanopia

37.4553, 0.3292, 0.3116

Trichromacy



Original Color

37.5316, 0.3273, 0.3090

Protanomaly

37.4691, 0.3117, 0.3097

Deuteranomaly

37.5603, 0.3231, 0.3127

Tritanomaly

37.4933, 0.3282, 0.3103

Monochromacy



Original Color

37.5316, 0.3273, 0.3090

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0576, 0.3178, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5316, 0.3273, 0.3090 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(186, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 172)  
}
```

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(186, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 172) }
```

Border

The CSS property to change the border of an element to Yxy 37.5316, 0.3273, 0.3090 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(186, 157, 172) }
```

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

```
.border{ border-color:rgb(186, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5316, 0.3273, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 172) }
```

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

```
.background{ background-color: rgb(186,  
157, 172) }
```

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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