

Converting Colors

$Yxy(37.9720, 0.3639, 0.3324)$

Have a look what the booklet for
Yxy(37.9720, 0.3639, 0.3324)
contains.

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Color

Yxy(37.9348, 0.3636, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	CA9A98
RGB	202, 154, 152
RGB Percent	79%, 60%, 60%
CMY	0.2078, 0.3961, 0.4038
CMYK	0.00, 0.24, 0.25, 0.21
HSL	2°, 32%, 69%
HSV	2°, 25%, 79%
XYZ	41.5830, 37.9348, 34.8470
YIQ	168.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

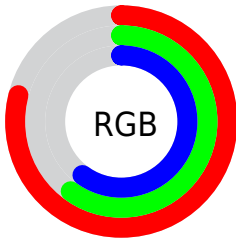
Format	Color
R _Y B	202, 154, 152
Decimal	13277848
CIE Lab	67.97, 17.62, 7.98
CIE LCh	68, 19.344, 24.352
Yxy	37.9348, 0.3636, 0.3317
Android (android.graphics.Color)	4291467928 (0xFFCA9A98)
YUV	168.1240, -7.9491, 29.7093
Hunter-Lab	61.5912, 12.7288, 9.5689

Details

The Yxy color **37.9348, 0.3636, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2658, 0.2764, 0.3263**, and the grayscale version is **39.2528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3172, 0.3502, 0.3322**, and **16.8431, 0.3799, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **31.4344, 0.3931, 0.3329**, and if you desaturate by 10%, it is **45.5866, 0.3397, 0.3306**.

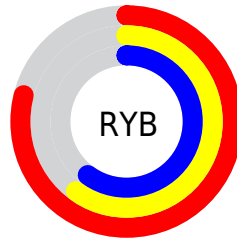
Distribution



Red (79%)

Green (60%)

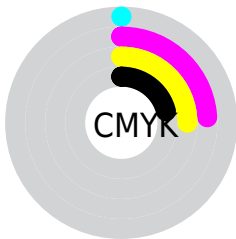
Blue (60%)



Red (79%)

Yellow (60%)

Blue (60%)

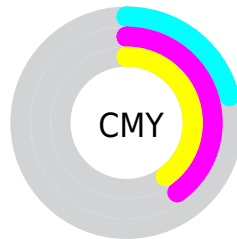


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9348, 0.3636, 0.3317 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 37.9348, 0.3636, 0.3317 by changing the saturation by 10% instead.

 37.9348, 0.3636,
0.3317


 37.9348, 0.3636,
0.3317

337.3402, 0.3371,
0.3308

 25.9321, 0.3706,
0.3318


 72.0082, 0.3537,
0.3315

 16.7728, 0.3798,
0.3318


 94.8477, 0.3501,
0.3313

 10.0727, 0.3924,
0.3316


122.0682, 0.3470,
0.3312

 5.4472, 0.4108,
0.3310

154.0541, 0.3444,
0.3311

 2.5119, 0.4399,
0.3291

191.1899, 0.3422,
0.3310

 0.8826, 0.5113,
0.3354

233.8599, 0.3403,

 0.0000, 1.0000,

0.3309

0.0000

282.4486, 0.3386,
0.3308

0.0000, 0.0000,
0.0000

37.9348, 0.3636,
0.3317

37.9348, 0.3636,
0.3317

31.4344, 0.3931,
0.3329

45.5866, 0.3397,
0.3306

26.0249, 0.4288,
0.3340

54.4362, 0.3205,
0.3295

21.6480, 0.4707,
0.3349

64.5338, 0.3050,
0.3285

18.2379, 0.5169,
0.3353

75.9253, 0.2925,
0.3276

15.7216, 0.5631,
0.3351

88.6541, 0.2823,
0.3268

■ 14.0152, 0.6026,
0.3340

■ 91.2974, 0.2816,
0.3289

■ 13.0192, 0.6289,
0.3323

■ 12.7306, 0.6375,
0.3320

Harmonies

Analogous

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



37.9348, 0.3424, 0.3084



37.9348, 0.3636, 0.3317



37.9348, 0.3704, 0.3554

Triad

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



37.9348, 0.3636, 0.3317



37.9348, 0.3098, 0.3723



37.9348, 0.2659, 0.2842

Complementary

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



37.9348, 0.3636, 0.3317



52.2658, 0.2764, 0.3263

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.



37.9348, 0.2582, 0.2987



37.9348, 0.3636, 0.3317



37.9348, 0.2828, 0.3505

Square

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



37.9348, 0.3636, 0.3317



37.9348, 0.3385, 0.3807



37.9348, 0.2642, 0.3229



37.9348, 0.2857, 0.2816

Rectangle

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



37.9348, 0.3636, 0.3317



37.9348, 0.3658, 0.3687



37.9348, 0.2642, 0.3229



37.9348, 0.2618, 0.2877

Sweetspot

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



37.9366, 0.3636, 0.3317



88.4479, 0.3246, 0.3297



39.2084, 0.3171, 0.2699



18.7289, 0.3257, 0.3298



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.



37.9366, 0.3636, 0.3317



57.7548, 0.3796, 0.3324



46.9382, 0.3562, 0.3628



11.2835, 0.3289, 0.3300



8.2221, 0.6368, 0.3326



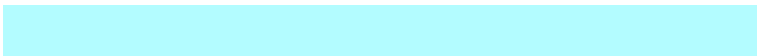
0.4496, 0.6260, 0.3412

Inverse Universe

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



52.2658, 0.2764, 0.3263



86.3514, 0.2690, 0.3256



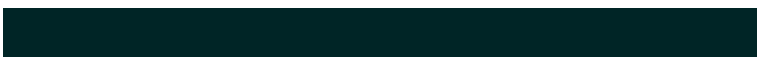
41.7389, 0.2735, 0.2926



12.6481, 0.2984, 0.3280



27.6101, 0.2213, 0.3167



1.4485, 0.2220, 0.3192

Previews

White Background



This preview shows how the Yxy color 37.9348, 0.3636, 0.3317 looks on a white background.

Color Contrast Check

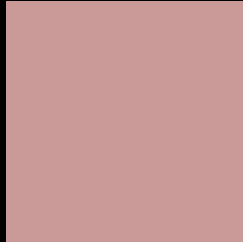
Large Text (above 18pt) WCAG AA × Fail

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 37.9348, 0.3636, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

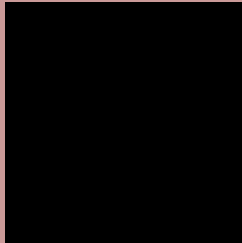
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9348, 0.3636, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 37.9348, 0.3636, 0.3317.



This preview shows how white text looks on a background with the Yxy color 37.9348, 0.3636, 0.3317.

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

37.9348, 0.3636, 0.3317

Protanopia

38.0368, 0.3245, 0.3389

Deuteranopia

37.9408, 0.3477, 0.3413



Tritanopia

37.8333, 0.3530, 0.3138

Trichromacy



Original Color

37.9348, 0.3636, 0.3317

Protanomaly

37.8351, 0.3377, 0.3359

Deuteranomaly

37.8946, 0.3533, 0.3385

Tritanomaly

38.0170, 0.3568, 0.3202

Monochromacy



Original Color

37.9348, 0.3636, 0.3317

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5063, 0.3299, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9348, 0.3636, 0.3317 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, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(202, 154, 152)  
}
```

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, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 154, 152) }
```

Border

The CSS property to change the border of an element to Yxy 37.9348, 0.3636, 0.3317 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, 154, 152) }
```

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

```
.border{ border-color:rgb(202, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(202, 154,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9348, 0.3636, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 154, 152) }
```

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

```
.background{ background-color: rgb(202,  
154, 152) }
```

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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