

Converting Colors

$Yxy(36.2937, 0.3694, 0.3251)$

Have a look what the booklet for
Yxy(36.2937, 0.3694, 0.3251)
contains.

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Color

Yxy(36.3933, 0.3697, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	CD9497
RGB	205, 148, 151
RGB Percent	80%, 58%, 59%
CMY	0.1959, 0.4197, 0.4078
CMYK	0.00, 0.28, 0.26, 0.20
HSL	357°, 36%, 69%
HSV	357°, 28%, 80%
XYZ	41.3606, 36.3933, 34.1222
YIQ	165.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

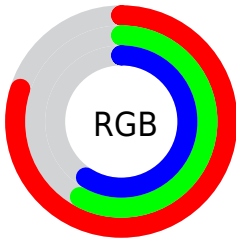
Format	Color
R _Y B	205, 148, 151
Decimal	13472919
CIE Lab	66.82, 21.92, 6.94
CIE LCh	67, 22.989, 17.579
Yxy	36.3933, 0.3697, 0.3253
Android (android.graphics.Color)	4291662999 (0xFFCD9497)
YUV	165.3850, -7.0918, 34.7424
Hunter-Lab	60.3269, 16.8091, 8.6931

Details

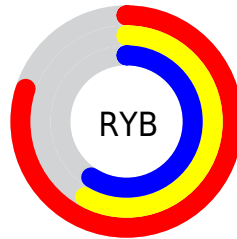
The Yxy color **36.3933, 0.3697, 0.3253** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2419, 0.2744, 0.3328**, and the grayscale version is **37.8457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9088, 0.3523, 0.3260**, and **15.9535, 0.3890, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **29.9431, 0.4000, 0.3240**, and if you desaturate by 10%, it is **44.0901, 0.3451, 0.3267**.

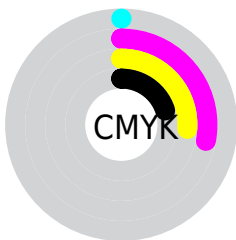
Distribution



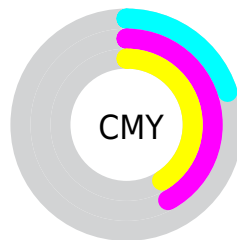
- Red (80%)
- Green (58%)
- Blue (59%)



- Red (80%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3933, 0.3697, 0.3253 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 36.3933, 0.3697, 0.3253 by changing the saturation by 10% instead.


 36.3933, 0.3697,
0.3253

 36.3933, 0.3697,
0.3253


330.6763, 0.3398,
0.3277

 24.7381, 0.3776,
0.3245


 69.6387, 0.3585,
0.3263

 15.8820, 0.3881,
0.3233

 91.9977, 0.3544,
0.3267

 9.4407, 0.4026,
0.3215


118.6933, 0.3510,
0.3269

 5.0297, 0.4238,
0.3184

150.1101, 0.3480,
0.3272

 2.2647, 0.4576,
0.3126

186.6325, 0.3456,
0.3273

 0.7549, 0.5479,
0.3127

228.6447, 0.3434,

 0.0000, 1.0000,

0.3275

0.0000

276.5311, 0.3415,
0.3276

0.0000, 0.0000,
0.0000

36.3933, 0.3697,
0.3253

36.3933, 0.3697,
0.3253

29.9431, 0.4000,
0.3240

44.0901, 0.3451,
0.3267

24.6692, 0.4367,
0.3228

53.0888, 0.3254,
0.3280

20.5022, 0.4794,
0.3220

63.4477, 0.3096,
0.3293

17.3631, 0.5257,
0.3220

75.2198, 0.2969,
0.3304

15.1628, 0.5708,
0.3229

88.4556, 0.2866,
0.3314

■ 13.7967, 0.6081,
0.3248

■ 91.7248, 0.2833,
0.3289

■ 13.1162, 0.6317,
0.3272

■ 13.0085, 0.6352,
0.3273

Harmonies

Analogous

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



36.3933, 0.3410, 0.2988



36.3933, 0.3697, 0.3253



36.3933, 0.3823, 0.3540

Triad

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



36.3933, 0.3697, 0.3253



36.3933, 0.3168, 0.3857



36.3933, 0.2533, 0.2779

Complementary

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



36.3933, 0.3697, 0.3253



54.2419, 0.2744, 0.3328

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.



36.3933, 0.2478, 0.2979



36.3933, 0.3697, 0.3253



36.3933, 0.2832, 0.3621

Square

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



36.3933, 0.3697, 0.3253



36.3933, 0.3505, 0.3911



36.3933, 0.2584, 0.3288



36.3933, 0.2738, 0.2719

Rectangle

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



36.3933, 0.3697, 0.3253



36.3933, 0.3795, 0.3712



36.3933, 0.2584, 0.3288



36.3933, 0.2497, 0.2830

Sweetspot

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



36.3950, 0.3697, 0.3253



86.4852, 0.3259, 0.3280



38.0358, 0.3124, 0.2596



18.0026, 0.3286, 0.3278



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.



36.3950, 0.3697, 0.3253



53.4358, 0.3859, 0.3245



44.8986, 0.3645, 0.3603



11.2231, 0.3282, 0.3278



8.0992, 0.6338, 0.3265



0.4213, 0.6130, 0.3151

Inverse Universe

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



36.3950, 0.3697, 0.3253



53.4358, 0.3859, 0.3245



43.4751, 0.2692, 0.2954



11.2231, 0.3282, 0.3278



8.0992, 0.6338, 0.3265



0.4213, 0.6130, 0.3151

Previews

White Background



This preview shows how the Yxy color 36.3933, 0.3697, 0.3253 looks on a white background.

Color Contrast Check

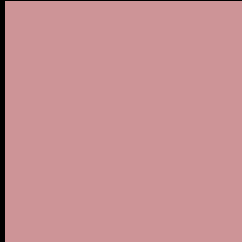
Large Text (above 18pt) WCAG AA × Fail

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 36.3933, 0.3697, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

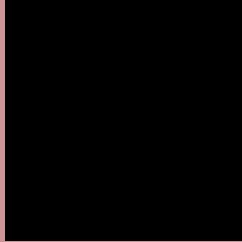
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3933, 0.3697, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 36.3933, 0.3697, 0.3253.



This preview shows how white text looks on a background with the Yxy color 36.3933, 0.3697, 0.3253.

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

36.3933, 0.3697, 0.3253

Protanopia

36.5594, 0.3202, 0.3333

Deuteranopia

36.4742, 0.3474, 0.3401



Tritanopia

36.4579, 0.3636, 0.3151

Trichromacy



Original Color

36.3933, 0.3697, 0.3253

Protanomaly

36.3380, 0.3375, 0.3305

Deuteranomaly

36.5197, 0.3554, 0.3345

Tritanomaly

36.3558, 0.3668, 0.3190

Monochromacy



Original Color

36.3933, 0.3697, 0.3253

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0376, 0.3324, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3933, 0.3697, 0.3253 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(205, 148, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 148, 151)  
}
```

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(205, 148, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 148, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.3933, 0.3697, 0.3253 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(205, 148, 151) }
```

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

```
.border{ border-color:rgb(205, 148, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 148, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(205, 148,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3933, 0.3697, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 148, 151) }
```

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

```
.background{ background-color: rgb(205,  
148, 151) }
```

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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