

Converting Colors

$Y_{xy}(36.0320, 0.3767, 0.3207)$

Have a look what the booklet for
Yxy(36.0320, 0.3767, 0.3207)
contains.

Yxy(36.0298, 0.3773, 0.3204)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0298, 0.3773, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	D39097
RGB	211, 144, 151
RGB Percent	83%, 56%, 59%
CMY	0.1724, 0.4353, 0.4079
CMYK	0.00, 0.32, 0.28, 0.17
HSL	354°, 43%, 70%
HSV	354°, 32%, 83%
XYZ	42.4284, 36.0298, 33.9944
YIQ	164.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

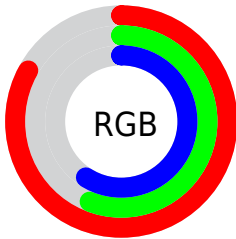
Format	Color
R _Y B	211, 144, 151
Decimal	13865111
CIE Lab	66.54, 26.34, 6.64
CIE LCh	67, 27.164, 14.140
Yxy	36.0298, 0.3773, 0.3204
Android (android.graphics.Color)	4292055191 (0xFFD39097)
YUV	164.8310, -6.8187, 40.4902
Hunter-Lab	60.0248, 21.1287, 8.4391

Details

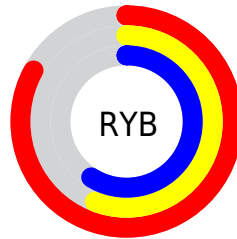
The Yxy color **36.0298, 0.3773, 0.3204** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8909, 0.2715, 0.3380**, and the grayscale version is **37.5625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0559, 0.3531, 0.3219**, and **15.7174, 0.3986, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **29.6602, 0.4083, 0.3177**, and if you desaturate by 10%, it is **43.6959, 0.3520, 0.3232**.

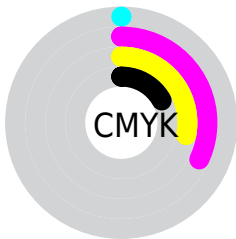
Distribution



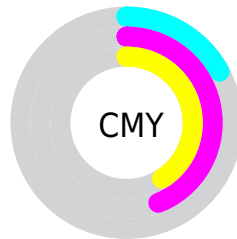
- Red (83%)
- Green (56%)
- Blue (59%)



- Red (83%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0298, 0.3773, 0.3204 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 36.0298, 0.3773, 0.3204 by changing the saturation by 10% instead.


 36.0298, 0.3773,
0.3204


 36.0298, 0.3773,
0.3204


329.0908, 0.3434,
0.3255

 24.4572, 0.3863,
0.3189


 69.0781, 0.3646,
0.3224

 15.6731, 0.3982,
0.3167


 91.3225, 0.3599,
0.3231

 9.2931, 0.4146,
0.3136


117.8931, 0.3560,
0.3237

 4.9329, 0.4387,
0.3086

149.1741, 0.3527,
0.3242

 2.2079, 0.4770,
0.2995

185.5500, 0.3499,
0.3246

 0.7243, 0.5773,
0.2919

227.4051, 0.3474,

 0.0000, 1.0000,

0.3249

0.0000

275.1239, 0.3453,
0.3252

0.0000, 0.0000,
0.0000

36.0298, 0.3773,
0.3204

36.0298, 0.3773,
0.3204

29.6602, 0.4083,
0.3177

43.6959, 0.3520,
0.3232

24.5107, 0.4453,
0.3155

52.7194, 0.3316,
0.3260

20.5046, 0.4876,
0.3141

63.1633, 0.3153,
0.3286

17.5545, 0.5326,
0.3143

75.0854, 0.3021,
0.3310

15.5604, 0.5755,
0.3164

88.5399, 0.2914,
0.3331

■ 14.4029, 0.6099,
0.3204

■ 92.5927, 0.2866,
0.3289

■ 13.9108, 0.6290,
0.3239

Harmonies

Analogous

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



36.0298, 0.3414, 0.2904



36.0298, 0.3773, 0.3204



36.0298, 0.3948, 0.3540

Triad

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



36.0298, 0.3773, 0.3204



36.0298, 0.3219, 0.3989



36.0298, 0.2413, 0.2704

Complementary

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



36.0298, 0.3773, 0.3204



56.8909, 0.2715, 0.3380

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.



36.0298, 0.2371, 0.2953



36.0298, 0.3773, 0.3204



36.0298, 0.2818, 0.3727

Square

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



36.0298, 0.3773, 0.3204



36.0298, 0.3611, 0.4020



36.0298, 0.2513, 0.3330



36.0298, 0.2632, 0.2620

Rectangle

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



36.0298, 0.3773, 0.3204



36.0298, 0.3931, 0.3749



36.0298, 0.2513, 0.3330



36.0298, 0.2378, 0.2770

Sweetspot

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



36.0315, 0.3773, 0.3204



83.4112, 0.3287, 0.3264



37.3744, 0.3090, 0.2488



17.3934, 0.3312, 0.3260



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.



36.0315, 0.3773, 0.3204



48.5833, 0.3972, 0.3186



44.4992, 0.3750, 0.3610



11.8280, 0.3274, 0.3266



8.4001, 0.6268, 0.3227



0.4767, 0.5915, 0.3032

Inverse Universe

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



36.0315, 0.3773, 0.3204



48.5833, 0.3972, 0.3186



45.4694, 0.2634, 0.2944



11.8280, 0.3274, 0.3266



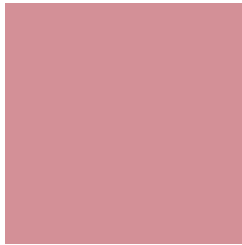
8.4001, 0.6268, 0.3227



0.4767, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 36.0298, 0.3773, 0.3204 looks on a white background.

Color Contrast Check

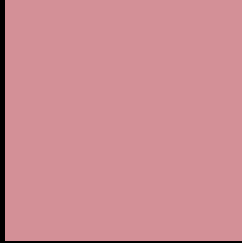
Large Text (above 18pt) WCAG AA × Fail

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 36.0298, 0.3773, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

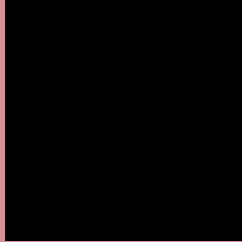
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0298, 0.3773, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 36.0298, 0.3773, 0.3204.



This preview shows how white text looks on a background with the Yxy color 36.0298, 0.3773, 0.3204.

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

36.0298, 0.3773, 0.3204

Protanopia

36.0623, 0.3165, 0.3290

Deuteranopia

36.0141, 0.3466, 0.3388



Tritanopia

35.8269, 0.3743, 0.3154

Trichromacy



Original Color

36.0298, 0.3773, 0.3204

Protanomaly

35.8221, 0.3379, 0.3263

Deuteranomaly

35.9959, 0.3570, 0.3318

Tritanomaly

35.7937, 0.3754, 0.3166

Monochromacy



Original Color

36.0298, 0.3773, 0.3204

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5971, 0.3347, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0298, 0.3773, 0.3204 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(211, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(211, 144, 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(211, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 144, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.0298, 0.3773, 0.3204 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(211, 144, 151) }
```

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

```
.border{ border-color:rgb(211, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(211, 144,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0298, 0.3773, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 144, 151) }
```

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

```
.background{ background-color: rgb(211,  
144, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor