

Converting Colors

$Yxy(37.6666, 0.3780, 0.3364)$

Have a look what the booklet for
Yxy(37.6666, 0.3780, 0.3364)
contains.

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Color

Yxy(37.5874, 0.3781, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	D09791
RGB	208, 151, 145
RGB Percent	82%, 59%, 57%
CMY	0.1842, 0.4079, 0.4314
CMYK	0.00, 0.27, 0.30, 0.18
HSL	6°, 40%, 69%
HSV	6°, 30%, 82%
XYZ	42.1965, 37.5874, 31.8176
YIQ	167.3590, 35.8980, 10.2180

Conversions

Conversions Part 2

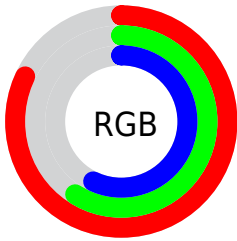
Format	Color
R _Y B	208, 152, 145
Decimal	13670289
CIE Lab	67.72, 20.59, 11.62
CIE LCh	68, 23.641, 29.436
Yxy	37.5874, 0.3781, 0.3368
Android (android.graphics.Color)	4291860369 (0xFFD09791)
YUV	167.3590, -11.0230, 35.6422
Hunter-Lab	61.3086, 15.5653, 12.1460

Details

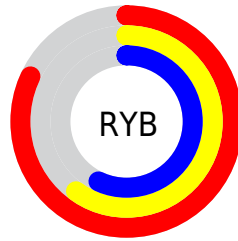
The Yxy color **37.5874, 0.3781, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8351, 0.2685, 0.3210**, and the grayscale version is **38.8709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0462, 0.3564, 0.3353**, and **16.6160, 0.3979, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **31.4222, 0.4099, 0.3395**, and if you desaturate by 10%, it is **44.8411, 0.3519, 0.3341**.

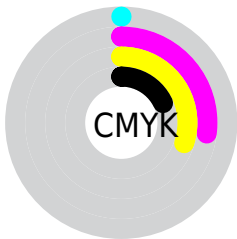
Distribution



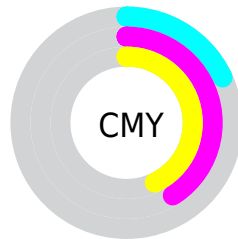
- Red (82%)
- Green (59%)
- Blue (57%)



- Red (82%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (18%)




- Cyan (18%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5874, 0.3781, 0.3368 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 37.5874, 0.3781, 0.3368 by changing the saturation by 10% instead.


 37.5874, 0.3781,
0.3368

 37.5874, 0.3781,
0.3368


335.8467, 0.3439,
0.3336

 25.6626, 0.3871,
0.3374


 71.4753, 0.3653,
0.3358

 16.5714, 0.3990,
0.3379


 94.2072, 0.3606,
0.3354

 9.9294, 0.4152,
0.3383


121.3102, 0.3567,
0.3350

 5.3522, 0.4388,
0.3383

153.1688, 0.3534,
0.3346

 2.4553, 0.4759,
0.3365

190.1674, 0.3505,
0.3343

 0.8541, 0.5917,
0.3588

232.6903, 0.3480,

 0.0000, 1.0000,

0.3340


0.0000


281.1219, 0.3458,
0.3338


 0.0000, 0.0000,
0.0000

 37.5874, 0.3781,
0.3368


 37.5874, 0.3781,
0.3368


 31.4222, 0.4099,
0.3395

 44.8411, 0.3519,
0.3341


 26.2881, 0.4477,
0.3418


 53.2268, 0.3305,
0.3315


 22.1301, 0.4905,
0.3434

 62.7919, 0.3132,
0.3291

 18.8863, 0.5359,
0.3437

 73.5797, 0.2991,
0.3269

 16.4875, 0.5787,
0.3422

 85.6312, 0.2876,
0.3248

■ 14.8545, 0.6126,
0.3390

■ 92.1547, 0.2849,
0.3289

■ 13.9073, 0.6333,
0.3353

Harmonies

Analogous

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



37.5874, 0.3544, 0.3083



37.5874, 0.3781, 0.3368



37.5874, 0.3829, 0.3651

Triad

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



37.5874, 0.3781, 0.3368



37.5874, 0.3028, 0.3792



37.5874, 0.2588, 0.2729

Complementary

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



37.5874, 0.3781, 0.3368



52.8351, 0.2685, 0.3210

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.



37.5874, 0.2470, 0.2877



37.5874, 0.3781, 0.3368



37.5874, 0.2713, 0.3497

Square

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



37.5874, 0.3781, 0.3368



37.5874, 0.3382, 0.3925



37.5874, 0.2514, 0.3154



37.5874, 0.2848, 0.2725

Rectangle

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



37.5874, 0.3781, 0.3368



37.5874, 0.3748, 0.3805



37.5874, 0.2514, 0.3154



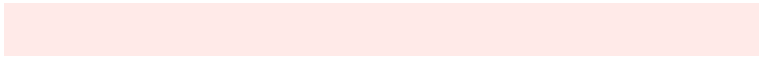
37.5874, 0.2532, 0.2762

Sweetspot

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



37.5892, 0.3781, 0.3368



86.0669, 0.3283, 0.3312



37.9661, 0.3210, 0.2599



17.9713, 0.3311, 0.3316



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.



37.5892, 0.3781, 0.3368



53.3892, 0.3969, 0.3384



48.8201, 0.3669, 0.3746



11.9864, 0.3288, 0.3313



8.7284, 0.6320, 0.3364



0.5515, 0.6094, 0.3543

Inverse Universe

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



52.8351, 0.2685, 0.3210



81.1048, 0.2606, 0.3192



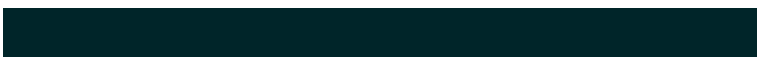
39.8002, 0.2637, 0.2786



13.2069, 0.2983, 0.3267



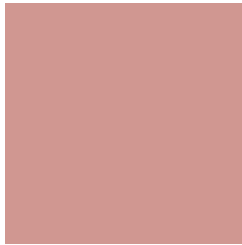
25.3919, 0.2164, 0.2991



1.4769, 0.2181, 0.3050

Previews

White Background



This preview shows how the Yxy color 37.5874, 0.3781, 0.3368 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 37.5874, 0.3781, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

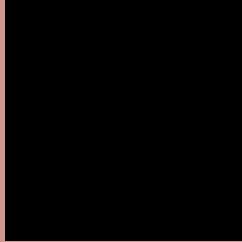
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5874, 0.3781, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 37.5874, 0.3781, 0.3368.



This preview shows how white text looks on a background with the Yxy color 37.5874, 0.3781, 0.3368.

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

37.5874, 0.3781, 0.3368

Protanopia

37.8352, 0.3299, 0.3475

Deuteranopia

37.5983, 0.3578, 0.3508



Tritanopia

37.7346, 0.3650, 0.3154

Trichromacy



Original Color

37.5874, 0.3781, 0.3368

Protanomaly

37.5019, 0.3466, 0.3442

Deuteranomaly

37.5263, 0.3649, 0.3451

Tritanomaly

37.7346, 0.3689, 0.3229

Monochromacy



Original Color

37.5874, 0.3781, 0.3368

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9380, 0.3349, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5874, 0.3781, 0.3368 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(208, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 151, 145)  
}
```

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(208, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 151, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.5874, 0.3781, 0.3368 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(208, 151, 145) }
```

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

```
.border{ border-color:rgb(208, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 151,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5874, 0.3781, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 151, 145) }
```

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

```
.background{ background-color: rgb(208,  
151, 145) }
```

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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