

Converting Colors

Yxy(31.3952, 0.4040, 0.3332)

Have a look what the booklet for
Yxy(31.3952, 0.4040, 0.3332)
contains.

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Color

Yxy(31.4974, 0.4043, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D08481
RGB	208, 132, 129
RGB Percent	82%, 52%, 51%
CMY	0.1842, 0.4824, 0.4941
CMYK	0.00, 0.37, 0.38, 0.18
HSL	2°, 46%, 66%
HSV	2°, 38%, 82%
XYZ	38.2300, 31.4974, 24.8310
YIQ	154.3820, 46.2590, 15.1790

Conversions

Conversions Part 2

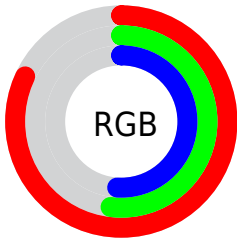
Format	Color
R _Y B	208, 132, 129
Decimal	13665409
CIE Lab	62.93, 28.89, 13.89
CIE LCh	63, 32.053, 25.673
Yxy	31.4974, 0.4043, 0.3331
Android (android.graphics.Color)	4291855489 (0xFFD08481)
YUV	154.3820, -12.5133, 47.0230
Hunter-Lab	56.1225, 23.3775, 13.0533

Details

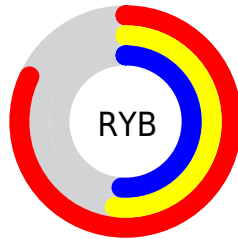
The Yxy color **31.4974, 0.4043, 0.3331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8932, 0.2596, 0.3248**, and the grayscale version is **32.5329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7552, 0.3751, 0.3334**, and **13.0434, 0.4354, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **26.0843, 0.4423, 0.3341**, and if you desaturate by 10%, it is **38.0671, 0.3727, 0.3320**.

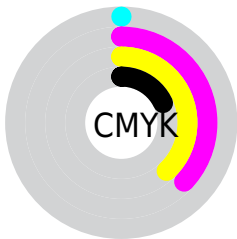
Distribution



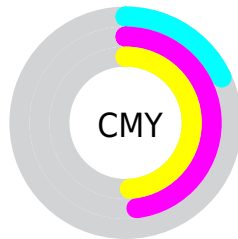
- Red (82%)
- Green (52%)
- Blue (51%)



- Red (82%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4974, 0.4043, 0.3331 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 31.4974, 0.4043, 0.3331 by changing the saturation by 10% instead.


 31.4974, 0.4043,
0.3331

 31.4974, 0.4043,
0.3331


308.8233, 0.3550,
0.3324


 20.9779, 0.4177,
0.3327


 62.0223, 0.3856,
0.3332

 13.1078, 0.4357,
0.3318


 82.7966, 0.3788,
0.3331

 7.5029, 0.4608,
0.3298


 107.7578, 0.3731,
0.3330

 3.7785, 0.4980,
0.3253

137.2905, 0.3684,
0.3329

 1.5505, 0.5630,
0.3170

171.7790, 0.3643,
0.3328

 0.3238, 0.7599,
0.2401

211.6077, 0.3608,


 0.0000, 0.0000,

0.3326


0.0000

257.1610, 0.3577,
0.3325


 31.4974, 0.4043,
0.3331


 31.4974, 0.4043,
0.3331


 26.0843, 0.4423,
0.3341


 38.0671, 0.3727,
0.3320


 21.7567, 0.4860,
0.3349


 45.8502, 0.3470,
0.3309


 18.4427, 0.5330,
0.3351

 54.9050, 0.3263,
0.3298

 16.0597, 0.5778,
0.3346

 65.2850, 0.3097,
0.3288

 14.5125, 0.6135,
0.3334

 77.0404, 0.2962,
0.3279

■ 13.6831, 0.6347,
0.3318

■ 90.2189, 0.2854,
0.3271

■ 13.5843, 0.6377,
0.3319

■ 92.1528, 0.2849,
0.3289

Harmonies

Analogous

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



31.4974, 0.3668, 0.2948



31.4974, 0.4043, 0.3331



31.4974, 0.4144, 0.3732

Triad

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



31.4974, 0.4043, 0.3331



31.4974, 0.3036, 0.4073



31.4974, 0.2337, 0.2512

Complementary

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



31.4974, 0.4043, 0.3331



52.8932, 0.2596, 0.3248

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.



31.4974, 0.2203, 0.2730



31.4974, 0.4043, 0.3331



31.4974, 0.2581, 0.3651

Square

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



31.4974, 0.4043, 0.3331



31.4974, 0.3538, 0.4218



31.4974, 0.2286, 0.3139



31.4974, 0.2671, 0.2493

Rectangle

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



31.4974, 0.4043, 0.3331



31.4974, 0.4043, 0.3970



31.4974, 0.2286, 0.3139



31.4974, 0.2269, 0.2562

Sweetspot

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



31.4989, 0.4043, 0.3331



82.2986, 0.3323, 0.3301



33.5381, 0.3196, 0.2386



17.1868, 0.3351, 0.3303



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.



31.4989, 0.4043, 0.3331



42.4786, 0.4364, 0.3340



44.1768, 0.3852, 0.3819



11.8792, 0.3290, 0.3299



8.4966, 0.6370, 0.3324



0.5010, 0.6271, 0.3403

Inverse Universe

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



52.8932, 0.2596, 0.3248



81.3078, 0.2502, 0.3238



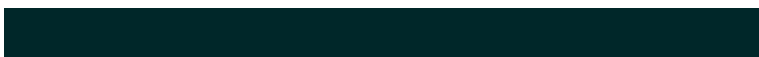
36.4479, 0.2514, 0.2691



13.3268, 0.2983, 0.3281



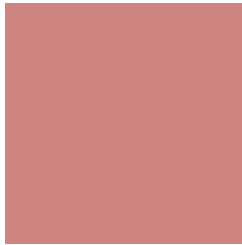
28.6464, 0.2214, 0.3172



1.6262, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 31.4974, 0.4043, 0.3331 looks on a white background.

Color Contrast Check

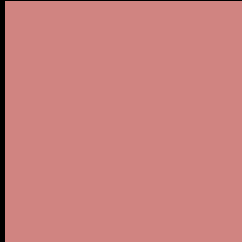
Large Text (above 18pt) WCAG AA × Fail

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 31.4974, 0.4043, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

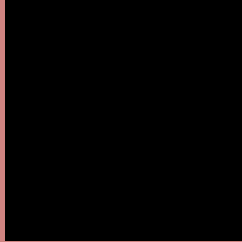
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4974, 0.4043, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 31.4974, 0.4043, 0.3331.



This preview shows how white text looks on a background with the Yxy color 31.4974, 0.4043, 0.3331.

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

31.4974, 0.4043, 0.3331

Protanopia

31.6915, 0.3323, 0.3489

Deuteranopia

31.7209, 0.3665, 0.3596



Tritanopia

31.4140, 0.3931, 0.3165

Trichromacy



Original Color

31.4974, 0.4043, 0.3331

Protanomaly

31.3472, 0.3577, 0.3436

Deuteranomaly

31.5697, 0.3797, 0.3501

Tritanomaly

31.5655, 0.3975, 0.3229

Monochromacy



Original Color

31.4974, 0.4043, 0.3331

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6008, 0.3436, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4974, 0.4043, 0.3331 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, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 132, 129)  
}
```

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, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 132, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.4974, 0.4043, 0.3331 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, 132, 129) }
```

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

```
.border{ border-color:rgb(208, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 132,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4974, 0.4043, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 132, 129) }
```

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

```
.background{ background-color: rgb(208,  
132, 129) }
```

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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