

Converting Colors

$Yxy(30.9874, 0.4103, 0.3182)$

Have a look what the booklet for
Yxy(30.9874, 0.4103, 0.3182)
contains.

Yxy(30.9874, 0.4103, 0.3182)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9874, 0.4103, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	D87D86
RGB	216, 125, 134
RGB Percent	85%, 49%, 53%
CMY	0.1530, 0.5098, 0.4744
CMYK	0.00, 0.42, 0.38, 0.15
HSL	354°, 54%, 67%
HSV	354°, 42%, 85%
XYZ	39.9564, 30.9874, 26.4396
YIQ	153.2350, 51.3470, 22.0910

Conversions

Conversions Part 2

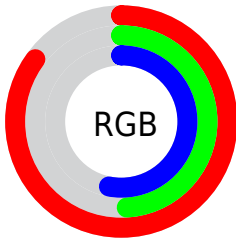
Format	Color
RYB	216, 125, 134
Decimal	14187910
CIELab	62.50, 36.21, 10.56
CIElCh	62, 37.719, 16.265
Yxy	30.9874, 0.4103, 0.3182
Android (android.graphics.Color)	4292377990 (0xFFD87D86)
YUV	153.2350, -9.4829, 55.0449
Hunter-Lab	55.6663, 30.7084, 10.8057

Details

The Yxy color **30.9874, 0.4103, 0.3182** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.9740, 0.2602, 0.3408**, and the grayscale version is **31.9899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0881, 0.3727, 0.3208**, and **12.8225, 0.4423, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **25.6077, 0.4478, 0.3161**, and if you desaturate by 10%, it is **37.6591, 0.3788, 0.3207**.

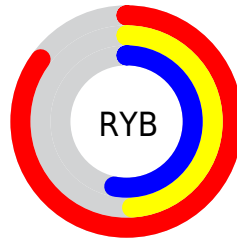
Distribution



Red (85%)

Green (49%)

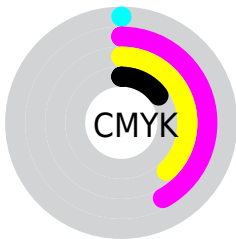
Blue (53%)



Red (85%)

Yellow (49%)

Blue (53%)

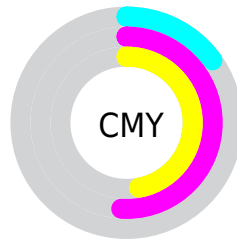


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (15%)



Cyan (15%)

Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9874, 0.4103, 0.3182 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 30.9874, 0.4103, 0.3182 by changing the saturation by 10% instead.


 30.9874, 0.4103,
0.3182

 30.9874, 0.4103,
0.3182


306.4803, 0.3578,
0.3253

 20.5893, 0.4247,
0.3158


 61.2202, 0.3903,
0.3212

 12.8241, 0.4438,
0.3122


 81.8237, 0.3831,
0.3222

 7.3075, 0.4707,
0.3067


 106.5978, 0.3771,
0.3230

 3.6552, 0.5106,
0.2971

135.9268, 0.3720,
0.3237

 1.4826, 0.5761,
0.2792

170.1951, 0.3677,
0.3242

 0.2764, 0.8108,
0.1892

209.7872, 0.3639,

 0.0000, 1.0000,

0.3246

0.0000

255.0875, 0.3606,
0.3250

0.0000, 0.0000,
0.0000

30.9874, 0.4103,
0.3182

30.9874, 0.4103,
0.3182

25.6077, 0.4478,
0.3161

37.6591, 0.3788,
0.3207

21.4320, 0.4907,
0.3149

45.6941, 0.3532,
0.3234

18.3688, 0.5360,
0.3152


55.1641, 0.3324,
0.3260

16.3112, 0.5787,
0.3173

66.1341, 0.3158,
0.3285

15.1315, 0.6124,
0.3212

78.6656, 0.3024,
0.3308

 14.6541, 0.6300,
0.3244

 92.8162, 0.2917,
0.3328

 93.3384, 0.2894,
0.3289

Harmonies

Analogous

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



30.9874, 0.3581, 0.2767



30.9874, 0.4103, 0.3182



30.9874, 0.4331, 0.3647

Triad

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



30.9874, 0.4103, 0.3182



30.9874, 0.3196, 0.4326



30.9874, 0.2133, 0.2432

Complementary

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



30.9874, 0.4103, 0.3182



57.9740, 0.2602, 0.3408

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.



30.9874, 0.2056, 0.2751



30.9874, 0.4103, 0.3182



30.9874, 0.2632, 0.3905

Square

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



30.9874, 0.4103, 0.3182



30.9874, 0.3770, 0.4363



30.9874, 0.2226, 0.3288



30.9874, 0.2447, 0.2348

Rectangle

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



30.9874, 0.4103, 0.3182



30.9874, 0.4278, 0.3946



30.9874, 0.2226, 0.3288



30.9874, 0.2080, 0.2512

Sweetspot

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



30.9889, 0.4103, 0.3182



78.8667, 0.3343, 0.3258



32.8768, 0.3086, 0.2233



16.1935, 0.3386, 0.3252



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.



30.9889, 0.4103, 0.3182



37.7451, 0.4452, 0.3162



41.7096, 0.4016, 0.3736



12.4406, 0.3276, 0.3267



8.6814, 0.6278, 0.3232



0.5306, 0.5958, 0.3056

Inverse Universe

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



30.9889, 0.4103, 0.3182



37.7451, 0.4452, 0.3162



41.7993, 0.2473, 0.2787



12.4406, 0.3276, 0.3267



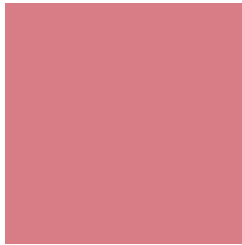
8.6814, 0.6278, 0.3232



0.5306, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 30.9874, 0.4103, 0.3182 looks on a white background.

Color Contrast Check

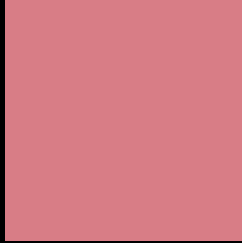
Large Text (above 18pt) WCAG AA × Fail

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 30.9874, 0.4103, 0.3182 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 30.9874, 0.4103, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 30.9874, 0.4103, 0.3182.



This preview shows how white text looks on a background with the Yxy color 30.9874, 0.4103, 0.3182.

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

30.9874, 0.4103, 0.3182

Protanopia

31.2399, 0.3196, 0.3336

Deuteranopia

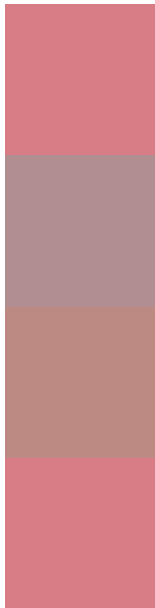
31.1681, 0.3593, 0.3526



Tritanopia

30.9874, 0.4103, 0.3182

Trichromacy



Original Color

30.9874, 0.4103, 0.3182

Protanomaly

30.6763, 0.3500, 0.3277

Deuteranomaly

30.6345, 0.3780, 0.3389

Tritanomaly

30.9874, 0.4103, 0.3182

Monochromacy



Original Color

30.9874, 0.4103, 0.3182

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.9504, 0.3454, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9874, 0.4103, 0.3182 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(216, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(216, 125, 134)  
}
```

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(216, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 125, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.9874, 0.4103, 0.3182 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(216, 125, 134) }
```

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

```
.border{ border-color:rgb(216, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(216, 125,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9874, 0.4103, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 125, 134) }
```

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

```
.background{ background-color: rgb(216,  
125, 134) }
```

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