

Converting Colors

$Y_{xy}(31.1285, 0.3982, 0.3316)$

Have a look what the booklet for
Yxy(31.1285, 0.3982, 0.3316)
contains.

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Color

Yxy(30.9786, 0.3975, 0.3306)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC8483 |
| RGB | 204, 132, 131 |
| RGB Percent | 80%, 52%, 51% |
| CMY | 0.2000, 0.4823, 0.4864 |
| CMYK | 0.00, 0.35, 0.36, 0.20 |
| HSL | 1°, 42%, 66% |
| HSV | 1°, 36%, 80% |
| XYZ | 37.2474, 30.9786, 25.4782 |
| YIQ | 153.4140, 43.2330, 14.9530 |

Conversions

Conversions Part 2

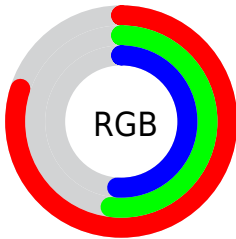
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 132, 131 |
| Decimal | 13403267 |
| CIELab | 62.49, 27.58, 12.08 |
| CIELCh | 62, 30.108, 23.660 |
| Yxy | 30.9786, 0.3975, 0.3306 |
| Android (android.graphics.Color) | 4291593347 (0xFFCC8483) |
| YUV | 153.4140, -11.0501, 44.3639 |
| Hunter-Lab | 55.6584, 22.0525, 11.8203 |

Details

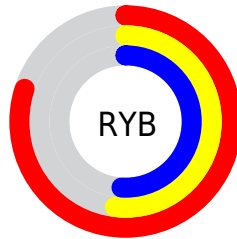
The Yxy color **30.9786, 0.3975, 0.3306** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8735, 0.2626, 0.3274**, and the grayscale version is **32.0803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8385, 0.3734, 0.3313**, and **12.7900, 0.4272, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **25.5417, 0.4346, 0.3311**, and if you desaturate by 10%, it is **37.5786, 0.3669, 0.3301**.

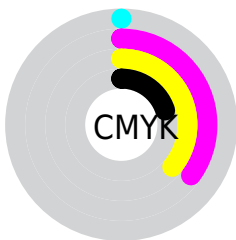
Distribution



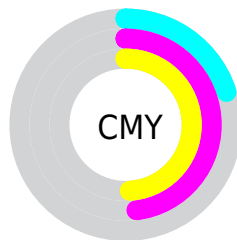
- Red (80%)
- Green (52%)
- Blue (51%)



- Red (80%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9786, 0.3975, 0.3306 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 30.9786, 0.3975, 0.3306 by changing the saturation by 10% instead.


 30.9786, 0.3975,
0.3306


 30.9786, 0.3975,
0.3306


306.4397, 0.3518,
0.3310

 20.5826, 0.4100,
0.3300


 61.2064, 0.3801,
0.3311

 12.8192, 0.4269,
0.3289


 81.8069, 0.3738,
0.3311

 7.3042, 0.4505,
0.3268


 106.5777, 0.3685,
0.3312

 3.6530, 0.4858,
0.3222

135.9032, 0.3641,
0.3311

 1.4814, 0.5469,
0.3133

170.1677, 0.3604,
0.3311

 0.2756, 0.7730,
0.2270


209.7557, 0.3571,


 0.0000, 0.0000,


0.3311

0.0000


255.0516, 0.3543,
0.3310

 30.9786, 0.3975,
0.3306

 30.9786, 0.3975,
0.3306


 25.5417, 0.4346,
0.3311


 37.5786, 0.3669,
0.3301

 21.1963, 0.4779,
0.3314


 45.3987, 0.3422,
0.3297

 17.8700, 0.5252,
0.3317


 54.4979, 0.3223,
0.3292

 15.4799, 0.5714,
0.3316


 64.9297, 0.3065,
0.3288

 13.9299, 0.6093,
0.3312

 76.7449, 0.2937,
0.3285

 13.1032, 0.6327,
0.3306

 89.9914, 0.2834,
0.3282

 12.8999, 0.6392,
0.3307

 91.5768, 0.2827,
0.3289

Harmonies

Analogous

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



30.9786, 0.3608, 0.2944



30.9786, 0.3975, 0.3306



30.9786, 0.4090, 0.3689

Triad

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



30.9786, 0.3975, 0.3306



30.9786, 0.3075, 0.4044



30.9786, 0.2363, 0.2561

Complementary

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



30.9786, 0.3975, 0.3306



51.8735, 0.2626, 0.3274

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.



30.9786, 0.2248, 0.2783



30.9786, 0.3975, 0.3306



30.9786, 0.2637, 0.3662

Square

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



30.9786, 0.3975, 0.3306



30.9786, 0.3548, 0.4163



30.9786, 0.2343, 0.3181



30.9786, 0.2670, 0.2528

Rectangle

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



30.9786, 0.3975, 0.3306



30.9786, 0.4009, 0.3916



30.9786, 0.2343, 0.3181



30.9786, 0.2302, 0.2613

Sweetspot

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



30.9801, 0.3975, 0.3306



81.9329, 0.3324, 0.3295



33.4209, 0.3168, 0.2411



17.1006, 0.3352, 0.3295



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.



30.9801, 0.3975, 0.3306



44.1551, 0.4257, 0.3310



42.2896, 0.3812, 0.3757



11.2388, 0.3290, 0.3294



8.1312, 0.6389, 0.3309



0.4287, 0.6348, 0.3341

Inverse Universe

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



51.8735, 0.2626, 0.3274



83.7992, 0.2539, 0.3271



36.9972, 0.2557, 0.2769



12.6985, 0.2984, 0.3286



29.0768, 0.2235, 0.3245



1.5090, 0.2237, 0.3253

Previews

White Background



This preview shows how the Yxy color 30.9786, 0.3975, 0.3306 looks on a white background.

Color Contrast Check

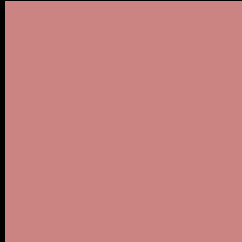
Large Text (above 18pt) WCAG AA × Fail

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 30.9786, 0.3975, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

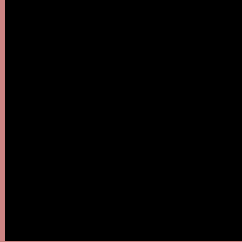
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9786, 0.3975, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 30.9786, 0.3975, 0.3306.



This preview shows how white text looks on a background with the Yxy color 30.9786, 0.3975, 0.3306.

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

30.9786, 0.3975, 0.3306

Protanopia

31.2244, 0.3285, 0.3444

Deuteranopia

31.1150, 0.3615, 0.3556



Tritanopia

31.1052, 0.3883, 0.3176

Trichromacy



Original Color

30.9786, 0.3975, 0.3306

Protanomaly

30.7513, 0.3525, 0.3394

Deuteranomaly

30.9490, 0.3746, 0.3461

Tritanomaly

31.0179, 0.3918, 0.3215

Monochromacy



Original Color

30.9786, 0.3975, 0.3306

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0658, 0.3416, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9786, 0.3975, 0.3306 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(204, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(204, 132, 131)  
}
```

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(204, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 132, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.9786, 0.3975, 0.3306 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(204, 132, 131) }
```

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

```
.border{ border-color:rgb(204, 132, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(204, 132,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9786, 0.3975, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 132, 131) }
```

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

```
.background{ background-color: rgb(204,  
132, 131) }
```

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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