

Converting Colors

$Y_{xy}(30.8103, 0.4186, 0.3176)$

Have a look what the booklet for
Yxy(30.8103, 0.4186, 0.3176)
contains.

Yxy(30.8007, 0.4186, 0.3173)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.8007, 0.4186, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	DC7A84
RGB	220, 122, 132
RGB Percent	86%, 48%, 52%
CMY	0.1374, 0.5215, 0.4823
CMYK	0.00, 0.45, 0.40, 0.14
HSL	354°, 58%, 67%
HSV	354°, 45%, 86%
XYZ	40.6340, 30.8007, 25.6365
YIQ	152.4420, 55.1980, 23.8860

Conversions

Conversions Part 2

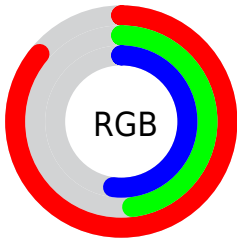
Format	Color
RYB	220, 122, 132
Decimal	14449284
CIELab	62.34, 39.00, 11.57
CIElCh	62, 40.675, 16.524
Yxy	30.8007, 0.4186, 0.3173
Android (android.graphics.Color)	4292639364 (0xFFDC7A84)
YUV	152.4420, -10.0779, 59.2484
Hunter-Lab	55.4984, 33.5694, 11.4609

Details

The Yxy color **30.8007, 0.4186, 0.3173** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **59.9638, 0.2580, 0.3419**, and the grayscale version is **31.6292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8135, 0.3754, 0.3197**, and **12.6862, 0.4551, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **25.5062, 0.4575, 0.3153**, and if you desaturate by 10%, it is **37.4232, 0.3857, 0.3198**.

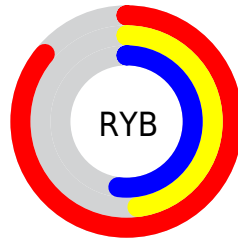
Distribution



Red (86%)

Green (48%)

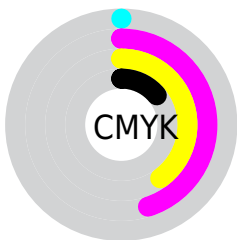
Blue (52%)



Red (86%)

Yellow (48%)

Blue (52%)

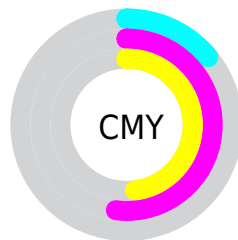


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8007, 0.4186, 0.3173 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 30.8007, 0.4186, 0.3173 by changing the saturation by 10% instead.

 30.8007, 0.4186,
0.3173


 30.8007, 0.4186,
0.3173


305.6191, 0.3616,
0.3251


 20.4471, 0.4342,
0.3146


 60.9262, 0.3969,
0.3207

 12.7205, 0.4550,
0.3106


 81.4668, 0.3890,
0.3218

 7.2364, 0.4840,
0.3044


 106.1720, 0.3825,
0.3226

 3.6104, 0.5269,
0.2936

135.4261, 0.3770,
0.3233

 1.4581, 0.5983,
0.2741

169.6134, 0.3723,
0.3239

 0.2589, 0.8285,
0.1715

209.1184, 0.3682,

 0.0000, 1.0000,

0.3244

0.0000

254.3255, 0.3647,
0.3248

0.0000, 0.0000,
0.0000

30.8007, 0.4186,
0.3173

30.8007, 0.4186,
0.3173

25.5062, 0.4575,
0.3153

37.4232, 0.3857,
0.3198

21.4457, 0.5012,
0.3144

45.4502, 0.3588,
0.3226

18.5204, 0.5464,
0.3151


54.9577, 0.3370,
0.3253


16.6143, 0.5875,
0.3177

66.0149, 0.3195,
0.3279

15.5864, 0.6182,
0.3221

78.6869, 0.3054,
0.3303

 15.2710, 0.6297,
0.3243

 93.0349, 0.2941,
0.3325

 93.9514, 0.2917,
0.3289

Harmonies

Analogous

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



30.8007, 0.3621, 0.2732



30.8007, 0.4186, 0.3173



30.8007, 0.4427, 0.3668

Triad

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



30.8007, 0.4186, 0.3173



30.8007, 0.3189, 0.4415



30.8007, 0.2065, 0.2367

Complementary

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



30.8007, 0.4186, 0.3173



59.9638, 0.2580, 0.3419

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.



30.8007, 0.1980, 0.2700



30.8007, 0.4186, 0.3173



30.8007, 0.2586, 0.3954

Square

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



30.8007, 0.4186, 0.3173



30.8007, 0.3808, 0.4449



30.8007, 0.2156, 0.3278



30.8007, 0.2400, 0.2282

Rectangle

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



30.8007, 0.4186, 0.3173



30.8007, 0.4364, 0.3989



30.8007, 0.2156, 0.3278



30.8007, 0.2008, 0.2449

Sweetspot

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



30.8023, 0.4186, 0.3173



78.8717, 0.3342, 0.3257



32.5796, 0.3066, 0.2169



16.1948, 0.3386, 0.3251



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.



30.8023, 0.4186, 0.3173



36.3678, 0.4530, 0.3155



41.6100, 0.4094, 0.3743



13.0730, 0.3276, 0.3266



8.9725, 0.6275, 0.3231



0.5888, 0.5965, 0.3060

Inverse Universe

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



30.8023, 0.4186, 0.3173



36.3678, 0.4530, 0.3155



42.9354, 0.2441, 0.2776



13.0730, 0.3276, 0.3266



8.9725, 0.6275, 0.3231



0.5888, 0.5965, 0.3060

Previews

White Background



This preview shows how the Yxy color 30.8007, 0.4186, 0.3173 looks on a white background.

Color Contrast Check

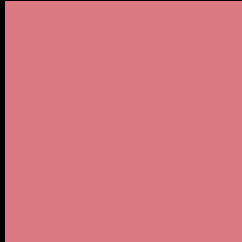
Large Text (above 18pt) WCAG AA × Fail

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 30.8007, 0.4186, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

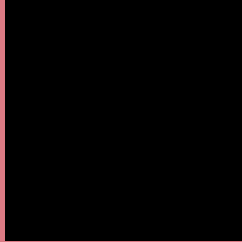
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8007, 0.4186, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 30.8007, 0.4186, 0.3173.



This preview shows how white text looks on a background with the Yxy color 30.8007, 0.4186, 0.3173.

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

30.8007, 0.4186, 0.3173

Protanopia

31.2084, 0.3206, 0.3352

Deuteranopia

30.8080, 0.3618, 0.3541



Tritanopia

30.7734, 0.4199, 0.3185

Trichromacy



Original Color

30.8007, 0.4186, 0.3173

Protanomaly

30.2929, 0.3538, 0.3263

Deuteranomaly

30.5527, 0.3830, 0.3402

Tritanomaly

30.7734, 0.4199, 0.3185

Monochromacy



Original Color

30.8007, 0.4186, 0.3173

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.4412, 0.3480, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8007, 0.4186, 0.3173 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(220, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(220, 122, 132)  
}
```

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(220, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 122, 132) }
```

Border

The CSS property to change the border of an element to Yxy 30.8007, 0.4186, 0.3173 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(220, 122, 132) }
```

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

```
.border{ border-color:rgb(220, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(220, 122,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8007, 0.4186, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 122, 132) }
```

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

```
.background{ background-color: rgb(220,  
122, 132) }
```

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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