

Converting Colors

$Y_{xy}(30.3835, 0.3992, 0.3120)$

Have a look what the booklet for
Yxy(30.3835, 0.3992, 0.3120)
contains.

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Color

Yxy(30.3802, 0.3986, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	D37D8B
RGB	211, 125, 139
RGB Percent	83%, 49%, 55%
CMY	0.1727, 0.5097, 0.4550
CMYK	0.00, 0.41, 0.34, 0.17
HSL	350°, 49%, 66%
HSV	350°, 41%, 83%
XYZ	38.8500, 30.3802, 28.2359
YIQ	152.3100, 46.7620, 22.5860

Conversions

Conversions Part 2

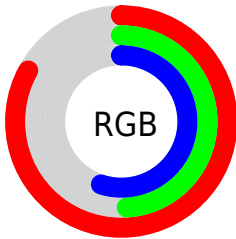
Format	Color
R _Y B	211, 125, 139
Decimal	13860235
CIE Lab	61.98, 34.94, 6.91
CIE LCh	62, 35.621, 11.186
Yxy	30.3802, 0.3986, 0.3117
Android (android.graphics.Color)	4292050315 (0xFFD37D8B)
YUV	152.3100, -6.5618, 51.4711
Hunter-Lab	55.1182, 29.3586, 8.2097

Details

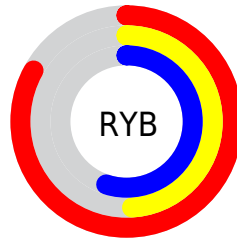
The Yxy color **30.3802, 0.3986, 0.3117** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.9664, 0.2647, 0.3478**, and the grayscale version is **31.5553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3060, 0.3683, 0.3156**, and **12.4889, 0.4287, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **25.1188, 0.4324, 0.3080**, and if you desaturate by 10%, it is **36.8625, 0.3704, 0.3160**.

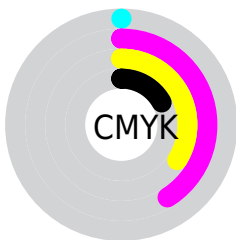
Distribution



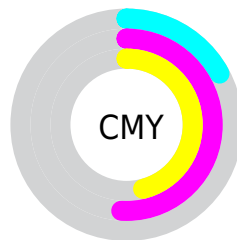
- Red (83%)
- Green (49%)
- Blue (55%)



- Red (83%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3802, 0.3986, 0.3117 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 30.3802, 0.3986, 0.3117 by changing the saturation by 10% instead.


 30.3802, 0.3986,
0.3117


 30.3802, 0.3986,
0.3117


303.6727, 0.3523,
0.3218


 20.1274, 0.4113,
0.3086


 60.2629, 0.3809,
0.3158

 12.4876, 0.4284,
0.3043


 80.6616, 0.3746,
0.3172

 7.0767, 0.4523,
0.2979


 105.2110, 0.3693,
0.3183

 3.5101, 0.4884,
0.2876

134.2955, 0.3648,
0.3192

 1.4035, 0.5476,
0.2685

168.2995, 0.3610,
0.3200

 0.2193, 0.8314,
0.1686

207.6075, 0.3577,

 0.0000, 1.0000,

0.3207

0.0000

252.6037, 0.3548,
0.3213

0.0000, 0.0000,
0.0000

30.3802, 0.3986,
0.3117

30.3802, 0.3986,
0.3117

25.1188, 0.4324,
0.3080

36.8625, 0.3704,
0.3160

20.9974, 0.4714,
0.3054

44.6310, 0.3474,
0.3204

17.9322, 0.5140,
0.3048

53.7517, 0.3287,
0.3247


15.8263, 0.5562,
0.3069

64.2849, 0.3137,
0.3287

14.5643, 0.5930,
0.3119

76.2870, 0.3016,
0.3324

 13.9612, 0.6183,
0.3180

 89.8116, 0.2917,
0.3358

 92.5842, 0.2866,
0.3289

Harmonies

Analogous

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



30.3802, 0.3461, 0.2733



30.3802, 0.3986, 0.3117



30.3802, 0.4259, 0.3560

Triad

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



30.3802, 0.3986, 0.3117



30.3802, 0.3292, 0.4303



30.3802, 0.2148, 0.2508

Complementary

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



30.3802, 0.3986, 0.3117



54.9664, 0.2647, 0.3478

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.



30.3802, 0.2114, 0.2853



30.3802, 0.3986, 0.3117



30.3802, 0.2741, 0.3960

Square

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



30.3802, 0.3986, 0.3117



30.3802, 0.3826, 0.4284



30.3802, 0.2318, 0.3391



30.3802, 0.2412, 0.2388

Rectangle

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



30.3802, 0.3986, 0.3117



30.3802, 0.4250, 0.3851



30.3802, 0.2318, 0.3391



30.3802, 0.2110, 0.2598

Sweetspot

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



30.3817, 0.3986, 0.3117



80.4644, 0.3311, 0.3241



31.1978, 0.3031, 0.2250



16.8091, 0.3334, 0.3236



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.



30.3817, 0.3986, 0.3117



39.4516, 0.4280, 0.3084



38.3291, 0.4006, 0.3651



11.8391, 0.3265, 0.3252



8.4385, 0.6154, 0.3164



0.4818, 0.5686, 0.2906

Inverse Universe

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



30.3817, 0.3986, 0.3117



39.4516, 0.4280, 0.3084



42.6510, 0.2508, 0.2891



11.8391, 0.3265, 0.3252



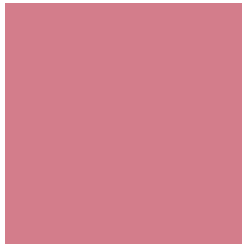
8.4385, 0.6154, 0.3164



0.4818, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 30.3802, 0.3986, 0.3117 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 30.3802, 0.3986, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

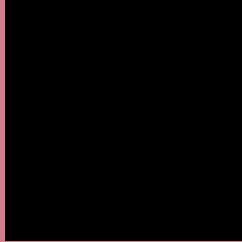
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3802, 0.3986, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 30.3802, 0.3986, 0.3117.



This preview shows how white text looks on a background with the Yxy color 30.3802, 0.3986, 0.3117.

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

30.3802, 0.3986, 0.3117

Protanopia

30.4702, 0.3120, 0.3228

Deuteranopia

30.5744, 0.3489, 0.3425



Tritanopia

30.5199, 0.4031, 0.3179

Trichromacy



Original Color

30.3802, 0.3986, 0.3117

Protanomaly

29.7785, 0.3406, 0.3174

Deuteranomaly

30.2974, 0.3667, 0.3306

Tritanomaly

30.5482, 0.4019, 0.3167

Monochromacy



Original Color

30.3802, 0.3986, 0.3117

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3368, 0.3413, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3802, 0.3986, 0.3117 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(211, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(211, 125, 139)  
}
```

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(211, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 125, 139) }
```

Border

The CSS property to change the border of an element to Yxy 30.3802, 0.3986, 0.3117 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(211, 125, 139) }
```

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

```
.border{ border-color:rgb(211, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(211, 125,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3802, 0.3986, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 125, 139) }
```

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

```
.background{ background-color: rgb(211,  
125, 139) }
```

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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