

# Converting Colors

$Y_{xy}(30.0120, 0.3904, 0.3094)$

Have a look what the booklet for  
Yxy(30.0120, 0.3904, 0.3094)  
contains.

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# Color

**Yxy(30.1102, 0.3913, 0.3100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF7E8D
RGB	207, 126, 141
RGB Percent	81%, 49%, 55%
CMY	0.1881, 0.5059, 0.4470
CMYK	0.00, 0.39, 0.32, 0.19
HSL	349°, 46%, 65%
HSV	349°, 39%, 81%
XYZ	38.0068, 30.1102, 29.0126
YIQ	151.9290, 43.4610, 21.8370

# Conversions

## Conversions Part 2

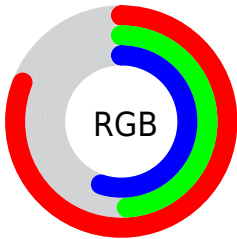
Format	Color
R <sub>Y</sub> B	207, 126, 141
Decimal	13598349
CIE Lab	61.75, 33.24, 5.35
CIE LCh	62, 33.667, 9.147
Yxy	30.1102, 0.3913, 0.3100
Android (android.graphics.Color)	4291788429 (0xFFCF7E8D)
YUV	151.9290, -5.3880, 48.2973
Hunter-Lab	54.8728, 27.6082, 7.0628

# Details

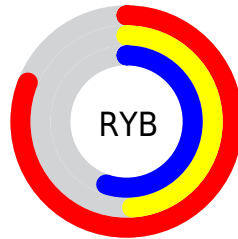
The Yxy color **30.1102, 0.3913, 0.3100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8791, 0.2673, 0.3496**, and the grayscale version is **31.3776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8426, 0.3654, 0.3135**, and **12.2715, 0.4180, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **24.8899, 0.4231, 0.3055**, and if you desaturate by 10%, it is **36.5054, 0.3648, 0.3150**.

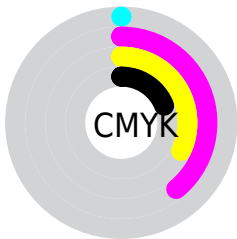
# Distribution



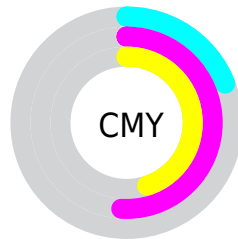
- Red (81%)
- Green (49%)
- Blue (55%)



- Red (81%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (19%)




- Cyan (19%)
- Magenta (51%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1102, 0.3913, 0.3100 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 30.1102, 0.3913, 0.3100 by changing the saturation by 10% instead.





 30.1102, 0.3913,  
0.3100


 30.1102, 0.3913,  
0.3100


302.4178, 0.3489,  
0.3208


 19.9222, 0.4030,  
0.3068


 59.8364, 0.3751,  
0.3143

 12.3385, 0.4186,  
0.3024


 80.1435, 0.3693,  
0.3158

 6.9747, 0.4407,  
0.2959


 104.5923, 0.3644,  
0.3170

 3.4463, 0.4741,  
0.2856

133.5674, 0.3604,  
0.3180

 1.3689, 0.5295,  
0.2669

167.4531, 0.3569,  
0.3189

 0.1936, 0.8384,  
0.1616


206.6338, 0.3539,


 0.0000, 0.0000,


0.3196


0.0000

251.4939, 0.3512,  
0.3202


 30.1102, 0.3913,  
0.3100


 30.1102, 0.3913,  
0.3100

 24.8899, 0.4231,  
0.3055


 36.5054, 0.3648,  
0.3150

 20.7684, 0.4602,  
0.3022


 44.1365, 0.3432,  
0.3200


 17.6680, 0.5012,  
0.3009

 53.0656, 0.3258,  
0.3248


 15.4984, 0.5430,  
0.3024


 63.3493, 0.3116,  
0.3294

 14.1537, 0.5810,  
0.3072

 75.0409, 0.3002,  
0.3336

 13.4597, 0.6106,  
0.3144

 88.1909, 0.2909,  
0.3374

 13.4116, 0.6128,  
0.3149

 92.0092, 0.2844,  
0.3289

# Harmonies

## Analogous

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



30.1102, 0.3407, 0.2738



30.1102, 0.3913, 0.3100



30.1102, 0.4193, 0.3522

# Triad

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



30.1102, 0.3913, 0.3100



30.1102, 0.3324, 0.4257



30.1102, 0.2184, 0.2563

# Complementary

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



30.1102, 0.3913, 0.3100



52.8791, 0.2673, 0.3496

# 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.



30.1102, 0.2167, 0.2908



30.1102, 0.3913, 0.3100



30.1102, 0.2796, 0.3954

# Square

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



30.1102, 0.3913, 0.3100



30.1102, 0.3823, 0.4222



30.1102, 0.2380, 0.3425



30.1102, 0.2423, 0.2431



# Rectangle

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



30.1102, 0.3913, 0.3100



30.1102, 0.4201, 0.3801



30.1102, 0.2380, 0.3425



30.1102, 0.2153, 0.2655

# Sweetspot

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



30.1117, 0.3913, 0.3100



80.5038, 0.3306, 0.3234



30.4782, 0.3010, 0.2284



16.8183, 0.3329, 0.3228



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.



30.1117, 0.3913, 0.3100



41.0768, 0.4177, 0.3062



36.6840, 0.3973, 0.3603



11.8435, 0.3262, 0.3247



8.4578, 0.6098, 0.3133



0.4839, 0.5601, 0.2859



# Inverse Universe

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



30.1117, 0.3913, 0.3100



41.0768, 0.4177, 0.3062



42.6907, 0.2538, 0.2949



11.8435, 0.3262, 0.3247



8.4578, 0.6098, 0.3133



0.4839, 0.5601, 0.2859



# Previews

## White Background



This preview shows how the Yxy color 30.1102, 0.3913, 0.3100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

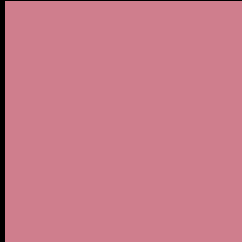
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 30.1102, 0.3913, 0.3100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

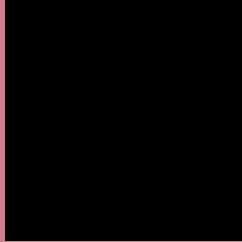
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 30.1102, 0.3913, 0.3100**

## **Background**



This preview shows how black text looks on a background with the Yxy color 30.1102, 0.3913, 0.3100.

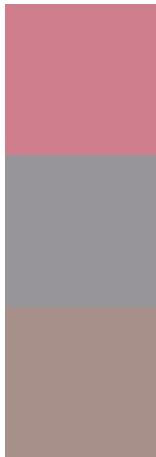


This preview shows how white text looks on a background with the Yxy color 30.1102, 0.3913, 0.3100.

# 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

30.1102, 0.3913, 0.3100

### Protanopia

30.4073, 0.3100, 0.3213

### Deuteranopia

30.1063, 0.3448, 0.3381



## Tritanopia

30.2217, 0.3970, 0.3177

# Trichromacy



## Original Color

30.1102, 0.3913, 0.3100

## Protanomaly

29.8776, 0.3372, 0.3173

## Deuteranomaly

29.7005, 0.3614, 0.3263

## Tritanomaly

30.2791, 0.3946, 0.3151

# Monochromacy



## Original Color

30.1102, 0.3913, 0.3100

## Achromatopsia

31.3989, 0.3127, 0.3290

## Achromatomaly

30.5537, 0.3389, 0.3218

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 30.1102, 0.3913, 0.3100 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(207, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(207, 126, 141)  
}
```

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(207, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 126, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 30.1102, 0.3913, 0.3100 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(207, 126, 141) }
```

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

```
.border{ border-color:rgb(207, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(207, 126,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 30.1102, 0.3913, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 126, 141) }
```

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

```
.background{ background-color: rgb(207,  
126, 141) }
```

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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