

Converting Colors

$Y_{xy}(26.4759, 0.3882, 0.2986)$

Have a look what the booklet for
Yxy(26.4759, 0.3882, 0.2986)
contains.

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Color

Yxy(26.4970, 0.3886, 0.2988)

Conversions

Conversions Part 1

Format	Color
Hex	C7748B
RGB	199, 116, 139
RGB Percent	78%, 45%, 55%
CMY	0.2196, 0.5451, 0.4549
CMYK	0.00, 0.42, 0.30, 0.22
HSL	343°, 43%, 62%
HSV	343°, 42%, 78%
XYZ	34.4603, 26.4970, 27.7208
YIQ	143.4390, 42.0850, 24.7490

Conversions

Conversions Part 2

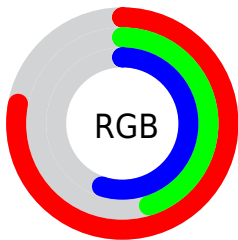
Format	Color
R _Y B	199, 116, 139
Decimal	13071499
CIE Lab	58.51, 35.38, 1.70
CIE LCh	59, 35.426, 2.750
Yxy	26.4970, 0.3886, 0.2988
Android (android.graphics.Color)	4291261579 (0xFFC7748B)
YUV	143.4390, -2.1884, 48.7270
Hunter-Lab	51.4752, 29.4158, 4.1035

Details

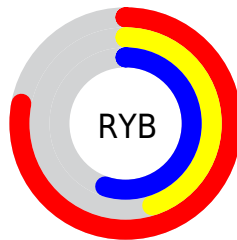
The Yxy color **26.4970, 0.3886, 0.2988** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.7001, 0.2695, 0.3625**, and the grayscale version is **27.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4417, 0.3708, 0.3051**, and **10.3415, 0.4170, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **21.9980, 0.4174, 0.2922**, and if you desaturate by 10%, it is **32.0367, 0.3644, 0.3062**.

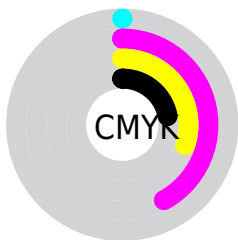
Distribution



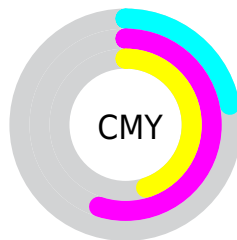
- Red (78%)
- Green (45%)
- Blue (55%)



- Red (78%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4970, 0.3886, 0.2988 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 26.4970, 0.3886, 0.2988 by changing the saturation by 10% instead.


 26.4970, 0.3886,
0.2988


 26.4970, 0.3886,
0.2988


285.2134, 0.3471,
0.3155


 17.1958, 0.4003,
0.2940


 54.0757, 0.3726,
0.3053

 10.3742, 0.4162,
0.2875


 73.1219, 0.3668,
0.3076

 5.6478, 0.4390,
0.2780

 96.1853, 0.3621,
0.3095

 2.6321, 0.4743,
0.2631

123.6503, 0.3581,
0.3111

 0.9428, 0.5355,
0.2368

155.9011, 0.3547,
0.3125

 0.0000, 1.0000,
0.0000

193.3224, 0.3518,

 0.0000, 0.0000,

0.3136

0.0000

236.2983, 0.3493,
0.3146

■ 26.4970, 0.3886,
0.2988

■ 26.4970, 0.3886,
0.2988

■ 21.9980, 0.4174,
0.2922

■ 32.0367, 0.3644,
0.3062

■ 18.4703, 0.4507,
0.2872

■ 38.6729, 0.3444,
0.3137

■ 15.8421, 0.4873,
0.2850


■ 46.4621, 0.3280,
0.3210

■ 14.0301, 0.5250,
0.2866

■ 55.4558, 0.3147,
0.3279


■ 12.9348, 0.5602,
0.2926


■ 65.7024, 0.3039,
0.3343

 12.4205, 0.5855,
0.2999

 77.2475, 0.2951,
0.3401

 89.9379, 0.2878,
0.3452

 90.8260, 0.2804,
0.3298

 90.8836, 0.2800,
0.3289

Harmonies

Analogous

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



26.4970, 0.3299, 0.2622



26.4970, 0.3886, 0.2988



26.4970, 0.4261, 0.3435

Triad

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



26.4970, 0.3886, 0.2988



26.4970, 0.3461, 0.4379



26.4970, 0.2078, 0.2554

Complementary

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



26.4970, 0.3886, 0.2988



47.7001, 0.2695, 0.3625

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.



26.4970, 0.2111, 0.2974



26.4970, 0.3886, 0.2988



26.4970, 0.2877, 0.4126

Square

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



26.4970, 0.3886, 0.2988



26.4970, 0.3981, 0.4256



26.4970, 0.2390, 0.3569



26.4970, 0.2286, 0.2367

Rectangle

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



26.4970, 0.3886, 0.2988



26.4970, 0.4319, 0.3743



26.4970, 0.2390, 0.3569



26.4970, 0.2062, 0.2669

Sweetspot

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



26.4983, 0.3886, 0.2988



79.1942, 0.3302, 0.3199



25.7858, 0.2927, 0.2198



16.2734, 0.3337, 0.3183



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.



26.4983, 0.3886, 0.2988



39.2059, 0.4144, 0.2928



30.4509, 0.4086, 0.3532



10.6844, 0.3247, 0.3226



7.9987, 0.5820, 0.2980



0.3914, 0.5206, 0.2642

Inverse Universe

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



26.4983, 0.3886, 0.2988



39.2059, 0.4144, 0.2928



40.8950, 0.2520, 0.3028



10.6844, 0.3247, 0.3226



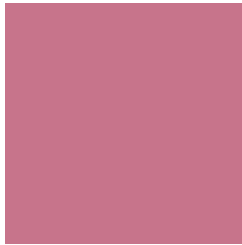
7.9987, 0.5820, 0.2980



0.3914, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 26.4970, 0.3886, 0.2988 looks on a white background.

Color Contrast Check

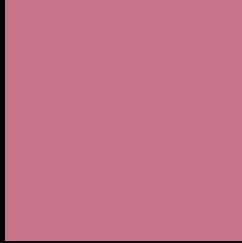
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4970, 0.3886, 0.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

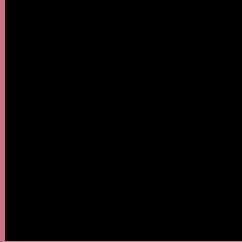
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4970, 0.3886, 0.2988

Background



This preview shows how black text looks on a background with the Yxy color 26.4970, 0.3886, 0.2988.



This preview shows how white text looks on a background with the Yxy color 26.4970, 0.3886, 0.2988.

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

26.4970, 0.3886, 0.2988

Protanopia

26.6315, 0.3000, 0.3079

Deuteranopia

26.5257, 0.3376, 0.3307



Tritanopia

26.4949, 0.4023, 0.3172

Trichromacy



Original Color

26.4970, 0.3886, 0.2988

Protanomaly

25.9478, 0.3288, 0.3030

Deuteranomaly

26.2487, 0.3558, 0.3187

Tritanomaly

26.3670, 0.3975, 0.3106

Monochromacy



Original Color

26.4970, 0.3886, 0.2988

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5146, 0.3374, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4970, 0.3886, 0.2988 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(199, 116, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 116, 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(199, 116, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 116, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.4970, 0.3886, 0.2988 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(199, 116, 139) }
```

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

```
.border{ border-color:rgb(199, 116, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 116, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 116, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 116, 139); box-shadow:4px 4px 4px 4px rgb(199, 116, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4970, 0.3886, 0.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 116, 139) }
```

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

```
.background{ background-color: rgb(199,  
116, 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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