

Converting Colors

$Yxy(26.8691, 0.4006, 0.3200)$

Have a look what the booklet for
Yxy(26.8691, 0.4006, 0.3200)
contains.

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Color

Yxy(26.8356, 0.4002, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C5787F
RGB	197, 120, 127
RGB Percent	77%, 47%, 50%
CMY	0.2275, 0.5294, 0.5021
CMYK	0.00, 0.39, 0.36, 0.23
HSL	355°, 40%, 62%
HSV	355°, 39%, 77%
XYZ	33.5718, 26.8356, 23.4801
YIQ	143.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

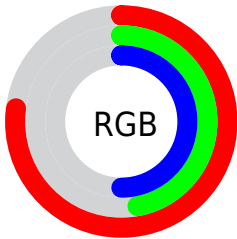
Format	Color
RYB	197, 120, 127
Decimal	12941439
CIELab	58.82, 30.93, 9.07
CIELCh	59, 32.234, 16.341
Yxy	26.8356, 0.4002, 0.3199
Android (android.graphics.Color)	4291131519 (0xFFC5787F)
YUV	143.8210, -8.2928, 46.6380
Hunter-Lab	51.8031, 25.0242, 9.3886

Details

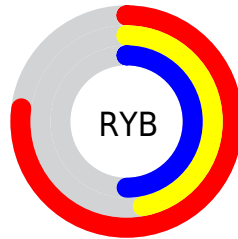
The Yxy color **26.8356, 0.4002, 0.3199** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.6452, 0.2632, 0.3388**, and the grayscale version is **27.8353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4424, 0.3808, 0.3218**, and **10.5931, 0.4327, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **22.1493, 0.4359, 0.3179**, and if you desaturate by 10%, it is **32.5824, 0.3705, 0.3223**.

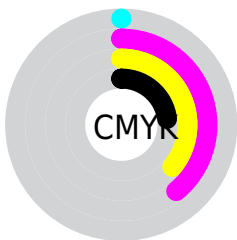
Distribution



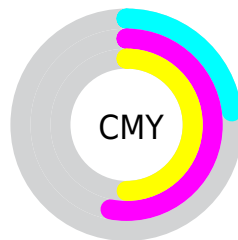
- Red (77%)
- Green (47%)
- Blue (50%)



- Red (77%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8356, 0.4002, 0.3199 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 26.8356, 0.4002, 0.3199 by changing the saturation by 10% instead.


 26.8356, 0.4002,
0.3199


 26.8356, 0.4002,
0.3199


286.8602, 0.3521,
0.3259


 17.4498, 0.4138,
0.3178


 54.6199, 0.3816,
0.3225

 10.5557, 0.4324,
0.3145


 73.7873, 0.3749,
0.3234

 5.7689, 0.4591,
0.3093

 96.9839, 0.3694,
0.3240

 2.7051, 0.5002,
0.3000

124.5942, 0.3648,
0.3246

 0.9798, 0.5860,
0.2878

157.0026, 0.3609,
0.3250

 0.0000, 1.0000,
0.0000

194.5935, 0.3576,

 0.0000, 0.0000,

0.3254

0.0000

237.7512, 0.3546,
0.3257

■ 26.8356, 0.4002,
0.3199

■ 26.8356, 0.4002,
0.3199

■ 22.1493, 0.4359,
0.3179

■ 32.5824, 0.3705,
0.3223

■ 18.4549, 0.4773,
0.3165

■ 39.4448, 0.3464,
0.3247

■ 15.6820, 0.5223,
0.3163


■ 47.4790, 0.3270,
0.3270


■ 13.7494, 0.5665,
0.3176


■ 56.7360, 0.3114,
0.3292


■ 12.5615, 0.6037,
0.3207


■ 67.2642, 0.2989,
0.3312

 11.9582, 0.6287,
0.3245

 79.1089, 0.2887,
0.3330

 11.9134, 0.6305,
0.3247

 90.4438, 0.2802,
0.3316

 90.6103, 0.2789,
0.3289

Harmonies

Analogous

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



26.8356, 0.3537, 0.2818



26.8356, 0.4002, 0.3199



26.8356, 0.4207, 0.3623

Triad

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



26.8356, 0.4002, 0.3199



26.8356, 0.3194, 0.4209



26.8356, 0.2226, 0.2516

Complementary

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



26.8356, 0.4002, 0.3199



47.6452, 0.2632, 0.3388

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.



26.8356, 0.2155, 0.2809



26.8356, 0.4002, 0.3199



26.8356, 0.2684, 0.3836

Square

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



26.8356, 0.4002, 0.3199



26.8356, 0.3711, 0.4254



26.8356, 0.2312, 0.3292



26.8356, 0.2515, 0.2434

Rectangle

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



26.8356, 0.4002, 0.3199



26.8356, 0.4163, 0.3893



26.8356, 0.2312, 0.3292



26.8356, 0.2177, 0.2590

Sweetspot

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



26.8369, 0.4002, 0.3199



80.3419, 0.3326, 0.3263



28.3235, 0.3091, 0.2313



16.7805, 0.3351, 0.3260



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.



26.8369, 0.4002, 0.3199



40.7050, 0.4307, 0.3181



35.2970, 0.3927, 0.3701



10.6523, 0.3276, 0.3269



7.8415, 0.6287, 0.3237



0.3768, 0.5934, 0.3043

Inverse Universe

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



26.8369, 0.4002, 0.3199



40.7050, 0.4307, 0.3181



35.3713, 0.2523, 0.2833



10.6523, 0.3276, 0.3269



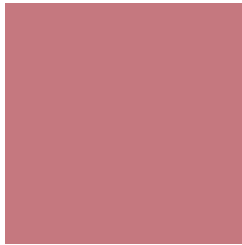
7.8415, 0.6287, 0.3237



0.3768, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 26.8356, 0.4002, 0.3199 looks on a white background.

Color Contrast Check

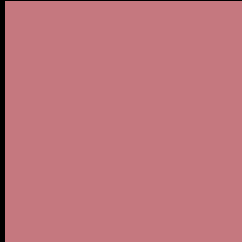
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8356, 0.4002, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

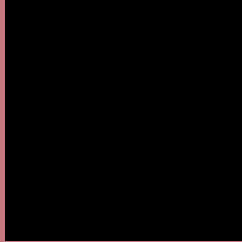
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8356, 0.4002, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 26.8356, 0.4002, 0.3199.



This preview shows how white text looks on a background with the Yxy color 26.8356, 0.4002, 0.3199.

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

26.8356, 0.4002, 0.3199

Protanopia

26.9045, 0.3201, 0.3339

Deuteranopia

27.0279, 0.3553, 0.3494



Tritanopia

26.8882, 0.3976, 0.3172

Trichromacy



Original Color

26.8356, 0.4002, 0.3199

Protanomaly

26.3888, 0.3476, 0.3276

Deuteranomaly

26.8272, 0.3717, 0.3381

Tritanomaly

26.8618, 0.3989, 0.3185

Monochromacy



Original Color

26.8356, 0.4002, 0.3199

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9495, 0.3414, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8356, 0.4002, 0.3199 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(197, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 120, 127)  
}
```

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(197, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 120, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.8356, 0.4002, 0.3199 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(197, 120, 127) }
```

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

```
.border{ border-color:rgb(197, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(197, 120,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8356, 0.4002, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 120, 127) }
```

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

```
.background{ background-color: rgb(197,  
120, 127) }
```

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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