

Converting Colors

$Y_{xy}(26.8972, 0.3921, 0.3191)$

Have a look what the booklet for
Yxy(26.8972, 0.3921, 0.3191)
contains.

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Color

Yxy(26.8415, 0.3920, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	C17A81
RGB	193, 122, 129
RGB Percent	76%, 48%, 51%
CMY	0.2432, 0.5215, 0.4942
CMYK	0.00, 0.37, 0.33, 0.24
HSL	354°, 36%, 62%
HSV	354°, 37%, 76%
XYZ	32.9117, 26.8415, 24.2052
YIQ	144.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

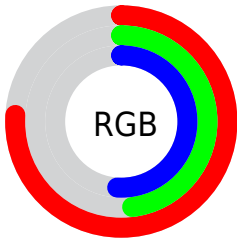
Format	Color
R _Y B	193, 122, 129
Decimal	12679809
CIE Lab	58.83, 28.58, 7.86
CIE LCh	59, 29.637, 15.372
Yxy	26.8415, 0.3920, 0.3197
Android (android.graphics.Color)	4290869889 (0xFFC17A81)
YUV	144.0270, -7.4083, 42.9493
Hunter-Lab	51.8088, 22.7273, 8.5657

Details

The Yxy color **26.8415, 0.3920, 0.3197** is a light color, and the websafe version is hex **996666**. A complement of this color would be **45.8224, 0.2660, 0.3389**, and the grayscale version is **27.9199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5466, 0.3749, 0.3217**, and **10.5323, 0.4204, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **22.1402, 0.4259, 0.3174**, and if you desaturate by 10%, it is **32.5654, 0.3640, 0.3223**.

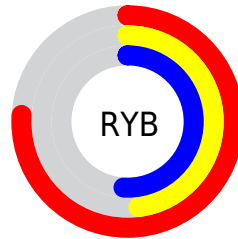
Distribution



Red (76%)

Green (48%)

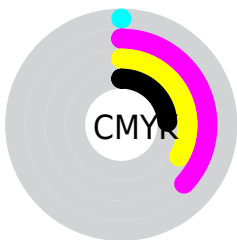
Blue (51%)



Red (76%)

Yellow (48%)

Blue (51%)

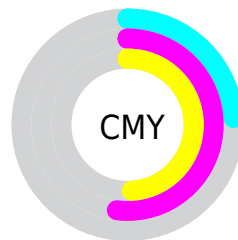


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8415, 0.3920, 0.3197 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 26.8415, 0.3920, 0.3197 by changing the saturation by 10% instead.


 26.8415, 0.3920,
0.3197


 26.8415, 0.3920,
0.3197


286.8889, 0.3484,
0.3256


 17.4542, 0.4044,
0.3177


 54.6294, 0.3751,
0.3222

 10.5589, 0.4212,
0.3147


 73.7989, 0.3691,
0.3231

 5.7710, 0.4455,
0.3099

 96.9978, 0.3641,
0.3237

 2.7064, 0.4832,
0.3014

124.6106, 0.3600,
0.3243

 0.9804, 0.5590,
0.2892

157.0218, 0.3564,
0.3247

 0.0000, 1.0000,
0.0000


194.6156, 0.3534,


 0.0000, 0.0000,


0.3251


0.0000

237.7765, 0.3507,
0.3254


 26.8415, 0.3920,
0.3197

 26.8415, 0.3920,
0.3197

 22.1402, 0.4259,
0.3174


 32.5654, 0.3640,
0.3223

 18.3975, 0.4657,
0.3156


 39.3630, 0.3413,
0.3249


 15.5486, 0.5098,
0.3150


 47.2869, 0.3230,
0.3274

 13.5187, 0.5544,
0.3160


 56.3848, 0.3083,
0.3297

 12.2209, 0.5939,
0.3188

 66.7019, 0.2965,
0.3319

 11.5398, 0.6223,
0.3231

 78.2808, 0.2869,
0.3338

 11.3835, 0.6292,
0.3240

 89.8104, 0.2789,
0.3333

 90.0767, 0.2768,
0.3289

Harmonies

Analogous

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



26.8415, 0.3490, 0.2844



26.8415, 0.3920, 0.3197



26.8415, 0.4119, 0.3592

Triad

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



26.8415, 0.3920, 0.3197



26.8415, 0.3209, 0.4135



26.8415, 0.2287, 0.2581

Complementary

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



26.8415, 0.3920, 0.3197



45.8224, 0.2660, 0.3389

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.



26.8415, 0.2227, 0.2863



26.8415, 0.3920, 0.3197



26.8415, 0.2734, 0.3804

Square

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



26.8415, 0.3920, 0.3197



26.8415, 0.3683, 0.4173



26.8415, 0.2383, 0.3312



26.8415, 0.2550, 0.2496

Rectangle

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



26.8415, 0.3920, 0.3197



26.8415, 0.4087, 0.3842



26.8415, 0.2383, 0.3312



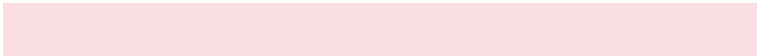
26.8415, 0.2243, 0.2653

Sweetspot

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



26.8428, 0.3920, 0.3197



78.2087, 0.3306, 0.3263



28.1979, 0.3094, 0.2370



16.3633, 0.3331, 0.3260



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8428, 0.3920, 0.3197



41.2708, 0.4183, 0.3178



34.6842, 0.3866, 0.3676



10.0936, 0.3274, 0.3268



7.5774, 0.6273, 0.3229



0.3329, 0.5875, 0.3010

Inverse Universe

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



26.8428, 0.3920, 0.3197



41.2708, 0.4183, 0.3178



34.7550, 0.2558, 0.2865



10.0936, 0.3274, 0.3268



7.5774, 0.6273, 0.3229



0.3329, 0.5875, 0.3010

Previews

White Background



This preview shows how the Yxy color 26.8415, 0.3920, 0.3197 looks on a white background.

Color Contrast Check

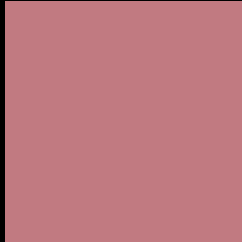
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8415, 0.3920, 0.3197 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 26.8415, 0.3920, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 26.8415, 0.3920, 0.3197.



This preview shows how white text looks on a background with the Yxy color 26.8415, 0.3920, 0.3197.

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

26.8415, 0.3920, 0.3197

Protanopia

26.9336, 0.3191, 0.3323

Deuteranopia

26.9747, 0.3519, 0.3463



Tritanopia

26.8952, 0.3894, 0.3169

Trichromacy



Original Color

26.8415, 0.3920, 0.3197

Protanomaly

26.4808, 0.3438, 0.3275

Deuteranomaly

26.9191, 0.3666, 0.3366

Tritanomaly

26.8682, 0.3907, 0.3183

Monochromacy



Original Color

26.8415, 0.3920, 0.3197

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1538, 0.3389, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8415, 0.3920, 0.3197 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(193, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 122, 129)  
}
```

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(193, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 122, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.8415, 0.3920, 0.3197 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(193, 122, 129) }
```

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

```
.border{ border-color:rgb(193, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 122, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 122, 129); box-shadow:4px 4px 4px 4px rgb(193, 122, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8415, 0.3920, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 122, 129) }
```

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

```
.background{ background-color: rgb(193,  
122, 129) }
```

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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