

Converting Colors

$Y_{xy}(26.8687, 0.3908, 0.3571)$

Have a look what the booklet for
Yxy(26.8687, 0.3908, 0.3571)
contains.

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Color

Yxy(26.8674, 0.3908, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	B28370
RGB	178, 131, 112
RGB Percent	70%, 51%, 44%
CMY	0.3019, 0.4863, 0.5608
CMYK	0.00, 0.26, 0.37, 0.30
HSL	17°, 30%, 57%
HSV	17°, 37%, 70%
XYZ	29.4029, 26.8674, 18.9674
YIQ	142.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

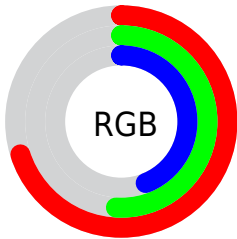
Format	Color
R _Y B	178, 139, 112
Decimal	11699056
CIE Lab	58.85, 15.52, 17.36
CIE LCh	59, 23.285, 48.190
Yxy	26.8674, 0.3908, 0.3571
Android (android.graphics.Color)	4289889136 (0xFFB28370)
YUV	142.8870, -15.2273, 30.7941
Hunter-Lab	51.8338, 10.5457, 14.5878

Details

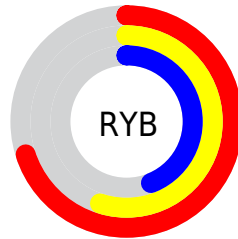
The Yxy color $26.8674, 0.3908, 0.3571$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.4623, 0.2574, 0.2986$, and the grayscale version is $27.4734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6235, 0.3741, 0.3517$, and $10.5401, 0.4205, 0.3639$ is the 20% darker color. If you saturate the color by 10%, you get $23.3106, 0.4208, 0.3646$, and if you desaturate by 10%, it is $30.9219, 0.3648, 0.3492$.

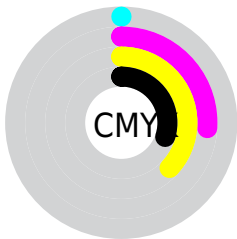
Distribution



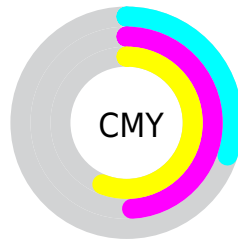
- Red (70%)
- Green (51%)
- Blue (44%)



- Red (70%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8674, 0.3908, 0.3571 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 26.8674, 0.3908, 0.3571 by changing the saturation by 10% instead.

 26.8674, 0.3908,
0.3571


 26.8674, 0.3908,
0.3571


287.0145, 0.3479,
0.3430

 17.4737, 0.4029,
0.3605


 54.6710, 0.3742,
0.3520

 10.5728, 0.4194,
0.3646


 73.8497, 0.3683,
0.3501

 5.7803, 0.4428,
0.3695


 97.0588, 0.3634,
0.3485

 2.7120, 0.4785,
0.3748

 124.6827, 0.3593,
0.3471

 0.9833, 0.5879,
0.4121

157.1058, 0.3558,
0.3459

 0.0000, 1.0000,
0.0000

194.7126, 0.3528,

 0.0000, 0.0000,

0.3448

0.0000

237.8874, 0.3501,
0.3438

■ 26.8674, 0.3908,
0.3571

■ 26.8674, 0.3908,
0.3571

■ 23.3106, 0.4208,
0.3646

■ 30.9219, 0.3648,
0.3492

■ 20.2281, 0.4547,
0.3709

■ 35.4889, 0.3427,
0.3414

■ 17.6001, 0.4913,
0.3751


■ 40.5870, 0.3241,
0.3340


■ 15.4040, 0.5285,
0.3760


■ 46.2330, 0.3084,
0.3270


■ 13.6147, 0.5628,
0.3727

■ 52.4427, 0.2952,
0.3206

 12.2030, 0.5911,
0.3651

 59.2313, 0.2840,
0.3147

 11.8532, 0.5987,
0.3629

 66.6137, 0.2746,
0.3094

 74.6038, 0.2665,
0.3045

 82.0564, 0.2679,
0.3181

Harmonies

Analogous

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



26.8674, 0.3772, 0.3252



26.8674, 0.3908, 0.3571



26.8674, 0.3819, 0.3845

Triad

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



26.8674, 0.3908, 0.3571



26.8674, 0.2789, 0.3656



26.8674, 0.2698, 0.2655

Complementary

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



26.8674, 0.3908, 0.3571



31.4623, 0.2574, 0.2986

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.



26.8674, 0.2468, 0.2715



26.8674, 0.3908, 0.3571



26.8674, 0.2517, 0.3277

Square

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



26.8674, 0.3908, 0.3571



26.8674, 0.3162, 0.3927



26.8674, 0.2404, 0.2933



26.8674, 0.3053, 0.2745

Rectangle

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



26.8674, 0.3908, 0.3571



26.8674, 0.3649, 0.3961



26.8674, 0.2404, 0.2933



26.8674, 0.2605, 0.2658

Sweetspot

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



26.8687, 0.3908, 0.3571



69.6730, 0.3314, 0.3370



23.5701, 0.3386, 0.2622



15.1618, 0.3339, 0.3380



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.8687, 0.3908, 0.3571



43.6837, 0.4135, 0.3629



37.0830, 0.3740, 0.4019



8.8904, 0.3280, 0.3356



8.5756, 0.5966, 0.3645



0.3724, 0.5410, 0.4086

Inverse Universe

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



31.4623, 0.2574, 0.2986



53.1270, 0.2469, 0.2912



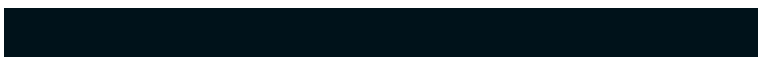
21.6607, 0.2496, 0.2433



9.2101, 0.2986, 0.3223



13.2317, 0.1983, 0.2340



0.5103, 0.2066, 0.2636

Previews

White Background



This preview shows how the Yxy color 26.8674, 0.3908, 0.3571 looks on a white background.

Color Contrast Check

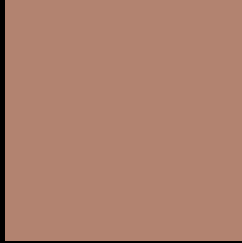
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8674, 0.3908, 0.3571 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 26.8674, 0.3908, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 26.8674, 0.3908, 0.3571.



This preview shows how white text looks on a background with the Yxy color 26.8674, 0.3908, 0.3571.

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

26.8674, 0.3908, 0.3571

Protanopia

27.1144, 0.3474, 0.3699

Deuteranopia

26.8630, 0.3751, 0.3678



Tritanopia

26.6882, 0.3647, 0.3147

Trichromacy



Original Color

26.8674, 0.3908, 0.3571

Protanomaly

26.8883, 0.3626, 0.3655

Deuteranomaly

26.7439, 0.3809, 0.3641

Tritanomaly

26.5806, 0.3741, 0.3292

Monochromacy



Original Color

26.8674, 0.3908, 0.3571

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1991, 0.3390, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8674, 0.3908, 0.3571 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(178, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 112)  
}
```

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(178, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.8674, 0.3908, 0.3571 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(178, 131, 112) }
```

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

```
.border{ border-color:rgb(178, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8674, 0.3908, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 112) }
```

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

```
.background{ background-color: rgb(178,  
131, 112) }
```

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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