

Converting Colors

$Y_{xy}(26.8876, 0.3707, 0.3549)$

Have a look what the booklet for
Yxy(26.8876, 0.3707, 0.3549)
contains.

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Color

Yxy(26.9608, 0.3700, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	A88776
RGB	168, 135, 118
RGB Percent	66%, 53%, 46%
CMY	0.3411, 0.4706, 0.5373
CMYK	0.00, 0.20, 0.30, 0.34
HSL	20°, 22%, 56%
HSV	20°, 30%, 66%
XYZ	28.0842, 26.9608, 20.8582
YIQ	142.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

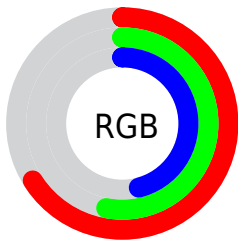
Format	Color
RYB	168, 144, 118
Decimal	11044726
CIELab	58.94, 10.02, 13.91
CIELCh	59, 17.142, 54.243
Yxy	26.9608, 0.3700, 0.3552
Android (android.graphics.Color)	4289234806 (0xFFA88776)
YUV	142.9290, -12.2900, 21.9873
Hunter-Lab	51.9238, 5.6792, 12.5294

Details

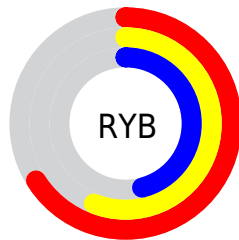
The Yxy color $26.9608, 0.3700, 0.3552$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $28.8118, 0.2676, 0.3011$, and the grayscale version is $27.4815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7160, 0.3581, 0.3500$, and $10.5840, 0.3907, 0.3619$ is the 20% darker color. If you saturate the color by 10%, you get $23.6630, 0.3958, 0.3644$, and if you desaturate by 10%, it is $30.6545, 0.3477, 0.3460$.

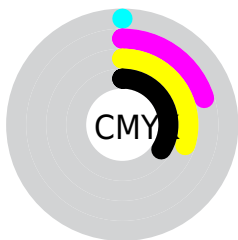
Distribution



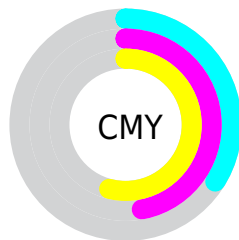
- Red (66%)
- Green (53%)
- Blue (46%)



- Red (66%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (34%)




- Cyan (34%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9608, 0.3700, 0.3552 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 26.9608, 0.3700, 0.3552 by changing the saturation by 10% instead.


 26.9608, 0.3700,
0.3552


 26.9608, 0.3700,
0.3552


287.4673, 0.3385,
0.3415


 17.5438, 0.3789,
0.3587


 54.8210, 0.3578,
0.3501

 10.6230, 0.3910,
0.3633


 74.0329, 0.3535,
0.3482

 5.8139, 0.4084,
0.3694


 97.2786, 0.3499,
0.3467

 2.7323, 0.4354,
0.3776

124.9424, 0.3469,
0.3453

 0.9936, 0.5290,
0.4260

157.4088, 0.3443,
0.3442

 0.0000, 1.0000,
0.0000

195.0622, 0.3421,

 0.0000, 0.0000,

0.3432

0.0000

238.2869, 0.3402,
0.3423

■ 26.9608, 0.3700,
0.3552

■ 26.9608, 0.3700,
0.3552

■ 23.6630, 0.3958,
0.3644

■ 30.6545, 0.3477,
0.3460

■ 20.7438, 0.4253,
0.3730

■ 34.7533, 0.3286,
0.3372

■ 18.1899, 0.4578,
0.3801

■ 39.2706, 0.3124,
0.3288

■ 15.9859, 0.4922,
0.3847

■ 44.2182, 0.2986,
0.3211

■ 14.1152, 0.5265,
0.3855

■ 49.6074, 0.2869,
0.3140

■ 12.5594, 0.5577,
0.3817

■ 55.4489, 0.2768,
0.3075

■ 11.2920, 0.5842,
0.3740

■ 61.7533, 0.2683,
0.3016

■ 11.2667, 0.5848,
0.3739

■ 68.5307, 0.2609,
0.2962

■ 74.8421, 0.2613,
0.3063

Harmonies

Analogous

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



26.9608, 0.3632, 0.3316



26.9608, 0.3700, 0.3552



26.9608, 0.3606, 0.3734

Triad

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



26.9608, 0.3700, 0.3552



26.9608, 0.2830, 0.3504



26.9608, 0.2858, 0.2819

Complementary

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



26.9608, 0.3700, 0.3552



28.8118, 0.2676, 0.3011

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.



26.9608, 0.2661, 0.2845



26.9608, 0.3700, 0.3552



26.9608, 0.2646, 0.3230

Square

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



26.9608, 0.3700, 0.3552



26.9608, 0.3099, 0.3721



26.9608, 0.2586, 0.2990



26.9608, 0.3135, 0.2906

Rectangle

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



26.9608, 0.3700, 0.3552



26.9608, 0.3469, 0.3796



26.9608, 0.2586, 0.2990



26.9608, 0.2781, 0.2814

Sweetspot

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



26.9620, 0.3700, 0.3552



63.5316, 0.3275, 0.3366



23.5252, 0.3352, 0.2793



13.6087, 0.3300, 0.3378



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.9620, 0.3700, 0.3552



44.7216, 0.3874, 0.3615



34.6642, 0.3599, 0.3906



7.9438, 0.3278, 0.3367



8.5934, 0.5830, 0.3753



0.3036, 0.5206, 0.4248

Inverse Universe

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



28.8118, 0.2676, 0.3011



48.6340, 0.2575, 0.2936



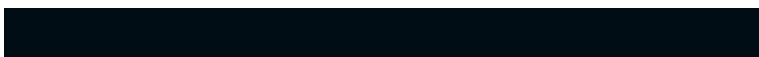
21.6827, 0.2630, 0.2587



8.0959, 0.2987, 0.3211



10.7959, 0.1933, 0.2159



0.3518, 0.2049, 0.2576

Previews

White Background



This preview shows how the Yxy color 26.9608, 0.3700, 0.3552 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 26.9608, 0.3700, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

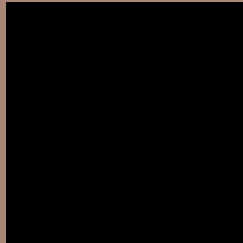
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9608, 0.3700, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 26.9608, 0.3700, 0.3552.



This preview shows how white text looks on a background with the Yxy color 26.9608, 0.3700, 0.3552.

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

26.9608, 0.3700, 0.3552

Protanopia

27.1160, 0.3420, 0.3634

Deuteranopia

27.0918, 0.3644, 0.3587



Tritanopia

27.1134, 0.3468, 0.3142

Trichromacy



Original Color

26.9608, 0.3700, 0.3552

Protanomaly

26.8892, 0.3521, 0.3595

Deuteranomaly

26.9157, 0.3660, 0.3570

Tritanomaly

27.0146, 0.3557, 0.3291

Monochromacy



Original Color

26.9608, 0.3700, 0.3552

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1528, 0.3322, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9608, 0.3700, 0.3552 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(168, 135, 118)` looks like.

```
.text, #text, p{  
    color:rgb(168, 135, 118)  
}
```

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(168, 135, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.9608, 0.3700, 0.3552 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(168, 135, 118) }
```

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

```
.border{ border-color:rgb(168, 135, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 135, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 135, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 135, 118);  
box-shadow:4px 4px 4px 4px rgb(168, 135,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9608, 0.3700, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 135, 118) }
```

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

```
.background{ background-color: rgb(168,  
135, 118) }
```

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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