

Converting Colors

$Y_{xy}(26.7839, 0.3762, 0.3631)$

Have a look what the booklet for
Yxy(26.7839, 0.3762, 0.3631)
contains.

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Color

Yxy(26.8450, 0.3757, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	A88771
RGB	168, 135, 113
RGB Percent	66%, 53%, 44%
CMY	0.3412, 0.4706, 0.5569
CMYK	0.00, 0.20, 0.33, 0.34
HSL	24°, 24%, 55%
HSV	24°, 33%, 66%
XYZ	27.7919, 26.8450, 19.3367
YIQ	142.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

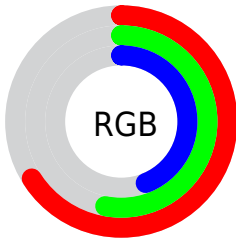
Format	Color
R_{YB}	168, 150, 113
Decimal	11044721
CIE Lab	58.83, 9.32, 16.60
CIE LCh	59, 19.038, 60.686
Yxy	26.8450, 0.3757, 0.3629
Android (android.graphics.Color)	4289234801 (0xFFA88771)
YUV	142.3590, -14.4740, 22.4872
Hunter-Lab	51.8122, 5.0755, 14.1410

Details

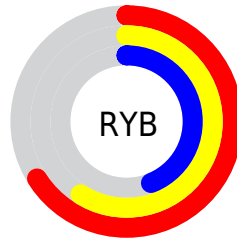
The Yxy color $26.8450, 0.3757, 0.3629$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $26.8887, 0.2625, 0.2923$, and the grayscale version is $27.2507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5303, 0.3623, 0.3558$, and $10.5235, 0.3993, 0.3727$ is the 20% darker color. If you saturate the color by 10%, you get $23.8223, 0.4013, 0.3735$, and if you desaturate by 10%, it is $30.2064, 0.3532, 0.3521$.

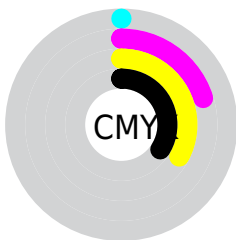
Distribution



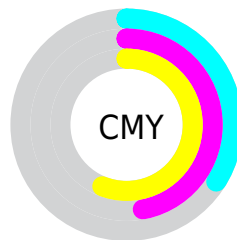
- Red (66%)
- Green (53%)
- Blue (44%)



- Red (66%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8450, 0.3757, 0.3629 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 26.8450, 0.3757, 0.3629 by changing the saturation by 10% instead.


 26.8450, 0.3757,
0.3629

 26.8450, 0.3757,
0.3629


286.9059, 0.3411,
0.3451


 17.4568, 0.3854,
0.3675


 54.6350, 0.3623,
0.3563


 10.5607, 0.3987,
0.3735


 73.8057, 0.3576,
0.3539

 5.7723, 0.4175,
0.3814


 97.0060, 0.3536,
0.3518

 2.7071, 0.4463,
0.3920

 124.6204, 0.3503,
0.3501

 0.9808, 0.5498,
0.4502

157.0331, 0.3475,
0.3486

 0.0000, 1.0000,
0.0000

194.6287, 0.3451,

 0.0000, 0.0000,

0.3473

0.0000

237.7915, 0.3430,
0.3461

■ 26.8450, 0.3757,
0.3629

■ 26.8450, 0.3757,
0.3629

■ 23.8223, 0.4013,
0.3735

■ 30.2064, 0.3532,
0.3521

■ 21.1232, 0.4298,
0.3833

■ 33.9133, 0.3337,
0.3416

■ 18.7372, 0.4606,
0.3912


■ 37.9772, 0.3169,
0.3316


■ 16.6513, 0.4924,
0.3961

■ 42.4076, 0.3025,
0.3223

■ 14.8518, 0.5232,
0.3967

■ 47.2140, 0.2901,
0.3137

 13.3232, 0.5506,
0.3923

 52.4051, 0.2794,
0.3058

 12.3673, 0.5684,
0.3869

 57.9898, 0.2702,
0.2986

 63.9762, 0.2623,
0.2921

 69.7665, 0.2599,
0.2957

Harmonies

Analogous

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



26.8450, 0.3721, 0.3374



26.8450, 0.3757, 0.3629



26.8450, 0.3616, 0.3813

Triad

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



26.8450, 0.3757, 0.3629



26.8450, 0.2743, 0.3464



26.8450, 0.2888, 0.2780

Complementary

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



26.8450, 0.3757, 0.3629



26.8887, 0.2625, 0.2923

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.



26.8450, 0.2647, 0.2779



26.8450, 0.3757, 0.3629



26.8450, 0.2567, 0.3158

Square

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



26.8450, 0.3757, 0.3629



26.8450, 0.3026, 0.3730



26.8450, 0.2533, 0.2910



26.8450, 0.3205, 0.2901

Rectangle

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



26.8450, 0.3757, 0.3629



26.8450, 0.3446, 0.3862



26.8450, 0.2533, 0.2910



26.8450, 0.2796, 0.2765

Sweetspot

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



26.8463, 0.3757, 0.3629



63.3685, 0.3292, 0.3390



22.2078, 0.3427, 0.2794



13.6016, 0.3315, 0.3404



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.



26.8463, 0.3757, 0.3629



44.8288, 0.3932, 0.3704



35.5318, 0.3633, 0.4017



8.0167, 0.3276, 0.3381



9.4348, 0.5666, 0.3883



0.3302, 0.5077, 0.4351

Inverse Universe

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



26.8887, 0.2625, 0.2923



44.9062, 0.2520, 0.2830



19.4101, 0.2566, 0.2440



8.0206, 0.2987, 0.3197



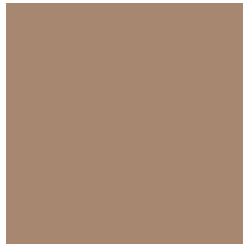
9.2303, 0.1874, 0.1947



0.3206, 0.2012, 0.2441

Previews

White Background



This preview shows how the Yxy color 26.8450, 0.3757, 0.3629 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 26.8450, 0.3757, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

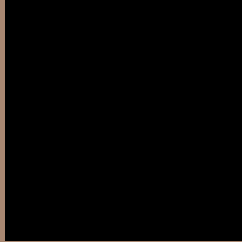
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8450, 0.3757, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 26.8450, 0.3757, 0.3629.



This preview shows how white text looks on a background with the Yxy color 26.8450, 0.3757, 0.3629.

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

26.8450, 0.3757, 0.3629

Protanopia

26.7947, 0.3488, 0.3700

Deuteranopia

26.7999, 0.3717, 0.3648



Tritanopia

26.8136, 0.3482, 0.3142

Trichromacy



Original Color

26.8450, 0.3757, 0.3629

Protanomaly

26.8711, 0.3587, 0.3675

Deuteranomaly

26.9076, 0.3729, 0.3647

Tritanomaly

26.6873, 0.3584, 0.3306

Monochromacy



Original Color

26.8450, 0.3757, 0.3629

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6832, 0.3344, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8450, 0.3757, 0.3629 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(168, 135, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 135, 113) }
```

Border

The CSS property to change the border of an element to Yxy 26.8450, 0.3757, 0.3629 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, 113) }
```

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

```
.border{ border-color:rgb(168, 135, 113) }
```

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, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 135, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 135, 113);  
box-shadow:4px 4px 4px 4px rgb(168, 135,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8450, 0.3757, 0.3629 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, 113) }
```

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

```
.background{ background-color: rgb(168,  
135, 113) }
```

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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