

Converting Colors

$Y_{xy}(26.7790, 0.4015, 0.3858)$

Have a look what the booklet for
Yxy(26.7790, 0.4015, 0.3858)
contains.

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Color

Yxy(26.7790, 0.4015, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	AD8660
RGB	173, 134, 96
RGB Percent	68%, 53%, 38%
CMY	0.3216, 0.4745, 0.6236
CMYK	0.00, 0.23, 0.45, 0.32
HSL	30°, 32%, 53%
HSV	30°, 45%, 68%
XYZ	27.8688, 26.7790, 14.7638
YIQ	141.3290, 35.4420, -3.5500

Conversions

Conversions Part 2

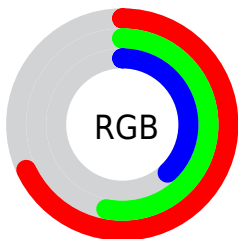
Format	Color
R_{YB}	173, 171, 96
Decimal	11372128
CIE _{Lab}	58.77, 9.89, 26.16
CIE _{LCh}	59, 27.971, 69.291
Yxy	26.7790, 0.4015, 0.3858
Android (android.graphics.Color)	4289562208 (0xFFAD8660)
YUV	141.3290, -22.3472, 27.7755
Hunter-Lab	51.7484, 5.5702, 19.3084

Details

The Yxy color $26.7790, 0.4015, 0.3858$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $22.8250, 0.2426, 0.2633$, and the grayscale version is $26.8513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4702, 0.3831, 0.3748$, and $10.4843, 0.4334, 0.4009$ is the 20% darker color. If you saturate the color by 10%, you get $24.1740, 0.4276, 0.3976$, and if you desaturate by 10%, it is $29.6573, 0.3775, 0.3729$.

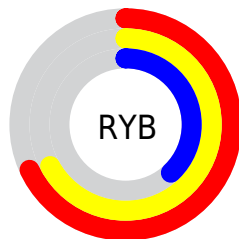
Distribution



Red (68%)

Green (53%)

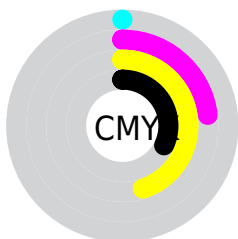
Blue (38%)



Red (68%)

Yellow (67%)

Blue (38%)

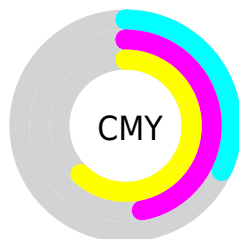


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (32%)



Cyan (32%)


Magenta (47%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7790, 0.4015, 0.3858 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 26.7790, 0.4015, 0.3858 by changing the saturation by 10% instead.


 26.7790, 0.4015,
0.3858


 26.7790, 0.4015,
0.3858


286.5855, 0.3531,
0.3564


 17.4073, 0.4148,
0.3931


 54.5290, 0.3830,
0.3751


 10.5253, 0.4324,
0.4022

 73.6762, 0.3763,
0.3710

 5.7486, 0.4565,
0.4134

 96.8506, 0.3708,
0.3676

 2.6928, 0.4979,
0.4325

 124.4366, 0.3661,
0.3647

 0.9736, 0.5535,
0.4465

156.8188, 0.3622,
0.3622

 0.0000, 1.0000,
0.0000

194.3814, 0.3587,

 0.0000, 0.0000,

0.3600

0.0000

237.5088, 0.3558,
0.3581

■ 26.7790, 0.4015,
0.3858

■ 26.7790, 0.4015,
0.3858

■ 24.1740, 0.4276,
0.3976

■ 29.6573, 0.3775,
0.3729

■ 21.8289, 0.4549,
0.4071

■ 32.8138, 0.3558,
0.3597

■ 19.7347, 0.4822,
0.4133

■ 36.2583, 0.3365,
0.3468

■ 17.8803, 0.5079,
0.4150

■ 39.9989, 0.3196,
0.3344

■ 16.2529, 0.5304,
0.4113

■ 44.0430, 0.3049,
0.3227

■ 15.4449, 0.5418,
0.4080

■ 48.3980, 0.2920,
0.3119

■ 53.0711, 0.2808,
0.3019

■ 58.0689, 0.2710,
0.2928

■ 63.3981, 0.2625,
0.2844

Harmonies

Analogous

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



26.7790, 0.4047, 0.3504



26.7790, 0.4015, 0.3858



26.7790, 0.3735, 0.4099

Triad

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



26.7790, 0.4015, 0.3858



26.7790, 0.2476, 0.3408



26.7790, 0.2898, 0.2597

Complementary

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



26.7790, 0.4015, 0.3858



22.8250, 0.2426, 0.2633

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.



26.7790, 0.2515, 0.2538



26.7790, 0.4015, 0.3858



26.7790, 0.2287, 0.2964

Square

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



26.7790, 0.4015, 0.3858



26.7790, 0.2842, 0.3855



26.7790, 0.2302, 0.2659



26.7790, 0.3374, 0.2809

Rectangle

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



26.7790, 0.4015, 0.3858



26.7790, 0.3456, 0.4141



26.7790, 0.2302, 0.2659



26.7790, 0.2755, 0.2559

Sweetspot

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



26.7803, 0.4015, 0.3858



65.7725, 0.3342, 0.3451



19.0189, 0.3672, 0.2702



13.9931, 0.3381, 0.3479



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.7803, 0.4015, 0.3858



43.5579, 0.4260, 0.3969



39.1232, 0.3783, 0.4348



8.6438, 0.3275, 0.3402



11.4615, 0.5402, 0.4093



0.4286, 0.4945, 0.4455

Inverse Universe

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



22.8250, 0.2426, 0.2633



35.5927, 0.2282, 0.2463



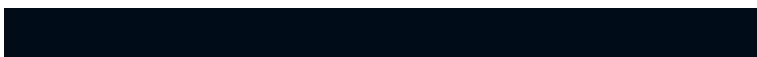
14.1034, 0.2310, 0.1955



8.4023, 0.2986, 0.3175



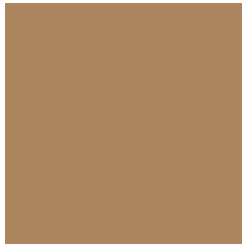
7.4093, 0.1785, 0.1625



0.3155, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 26.7790, 0.4015, 0.3858 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 26.7790, 0.4015, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

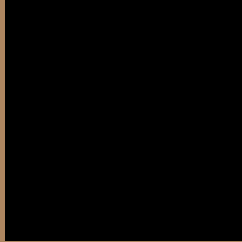
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7790, 0.4015, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 26.7790, 0.4015, 0.3858.



This preview shows how white text looks on a background with the Yxy color 26.7790, 0.4015, 0.3858.

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

26.7790, 0.4015, 0.3858

Protanopia

27.0192, 0.3698, 0.3986

Deuteranopia

26.7185, 0.3973, 0.3881



Tritanopia

26.8826, 0.3593, 0.3160

Trichromacy



Original Color

26.7790, 0.4015, 0.3858

Protanomaly

26.8207, 0.3807, 0.3937

Deuteranomaly

26.8304, 0.3985, 0.3878

Tritanomaly

26.8928, 0.3753, 0.3410

Monochromacy



Original Color

26.7790, 0.4015, 0.3858

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4299, 0.3434, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7790, 0.4015, 0.3858 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(173, 134, 96)` looks like.

```
.text, #text, p{  
    color:rgb(173, 134, 96)  
}
```

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(173, 134, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 134, 96) }
```

Border

The CSS property to change the border of an element to Yxy 26.7790, 0.4015, 0.3858 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(173, 134, 96) }
```

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

```
.border{ border-color:rgb(173, 134, 96) }
```

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

Here you see how a box with a 4 pixel rgb(173, 134, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 134, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 134, 96);  
box-shadow:4px 4px 4px 4px rgb(173, 134,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7790, 0.4015, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 134, 96) }
```

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

```
.background{ background-color: rgb(173,  
134, 96) }
```

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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