

Converting Colors

$Y_{xy}(26.0086, 0.4117, 0.3726)$

Have a look what the booklet for
Yxy(26.0086, 0.4117, 0.3726)
contains.

Yxy(26.0235, 0.4116, 0.3727)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0235, 0.4116, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	B48062
RGB	180, 128, 98
RGB Percent	71%, 50%, 38%
CMY	0.2943, 0.4980, 0.6157
CMYK	0.00, 0.29, 0.46, 0.29
HSL	22°, 35%, 55%
HSV	22°, 46%, 71%
XYZ	28.7397, 26.0235, 15.0611
YIQ	140.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

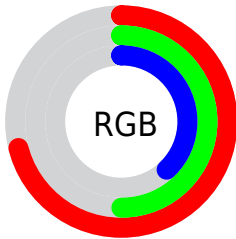
Format	Color
R_{YB}	180, 145, 98
Decimal	11829346
CIE Lab	58.06, 16.38, 24.25
CIE LCh	58, 29.265, 55.975
Yxy	26.0235, 0.4116, 0.3727
Android (android.graphics.Color)	4290019426 (0xFFB48062)
YUV	140.1280, -20.7691, 34.9677
Hunter-Lab	51.0132, 11.2896, 18.2045

Details

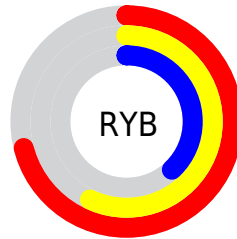
The Yxy color **26.0235, 0.4116, 0.3727** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.6815, 0.2439, 0.2794**, and the grayscale version is **26.3483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3948, 0.3910, 0.3649**, and **10.1910, 0.4469, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **22.9120, 0.4422, 0.3812**, and if you desaturate by 10%, it is **29.5484, 0.3841, 0.3631**.

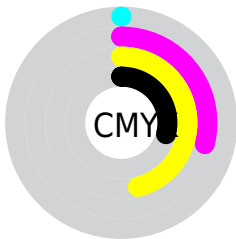
Distribution



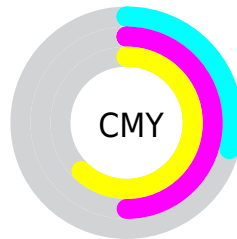
- Red (71%)
- Green (50%)
- Blue (38%)



- Red (71%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0235, 0.4116, 0.3727 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 26.0235, 0.4116, 0.3727 by changing the saturation by 10% instead.


 26.0235, 0.4116,
0.3727


 26.0235, 0.4116,
0.3727


282.8974, 0.3572,
0.3509

 16.8412, 0.4268,
0.3777


 53.3129, 0.3906,
0.3650

 10.1214, 0.4471,
0.3837


 72.1887, 0.3831,
0.3620

 5.4795, 0.4755,
0.3904


 95.0646, 0.3769,
0.3594

 2.5313, 0.5231,
0.4007

 122.3248, 0.3717,
0.3572

 0.8922, 0.5961,
0.4039

154.3538, 0.3673,
0.3553

 0.0000, 1.0000,
0.0000

191.5360, 0.3634,

 0.0000, 0.0000,

0.3537

0.0000

234.2557, 0.3601,
0.3522

■ 26.0235, 0.4116,
0.3727

■ 26.0235, 0.4116,
0.3727

■ 22.9120, 0.4422,
0.3812

■ 29.5484, 0.3841,
0.3631

■ 20.1938, 0.4752,
0.3876

■ 33.4980, 0.3600,
0.3531

■ 17.8528, 0.5087,
0.3906

■ 37.8880, 0.3392,
0.3433

■ 15.8699, 0.5404,
0.3890

■ 42.7320, 0.3214,
0.3339

■ 14.2236, 0.5675,
0.3824

■ 48.0431, 0.3063,
0.3252

■ 13.5872, 0.5786,
0.3787

■ 53.8337, 0.2933,
0.3171

■ 60.1158, 0.2822,
0.3097

■ 66.9010, 0.2727,
0.3029

■ 73.8769, 0.2671,
0.3020

Harmonies

Analogous

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



26.0235, 0.4020, 0.3335



26.0235, 0.4116, 0.3727



26.0235, 0.3925, 0.4051

Triad

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



26.0235, 0.4116, 0.3727



26.0235, 0.2592, 0.3636



26.0235, 0.2688, 0.2513

Complementary

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



26.0235, 0.4116, 0.3727



27.6815, 0.2439, 0.2794

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.



26.0235, 0.2359, 0.2531



26.0235, 0.4116, 0.3727



26.0235, 0.2305, 0.3140

Square

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



26.0235, 0.4116, 0.3727



26.0235, 0.3034, 0.4047



26.0235, 0.2226, 0.2743



26.0235, 0.3159, 0.2668

Rectangle

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



26.0235, 0.4116, 0.3727



26.0235, 0.3674, 0.4173



26.0235, 0.2226, 0.2743



26.0235, 0.2559, 0.2498

Sweetspot

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



26.0248, 0.4116, 0.3727



69.8329, 0.3368, 0.3420



20.6760, 0.3540, 0.2542



14.7074, 0.3408, 0.3441



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.



26.0248, 0.4116, 0.3727



41.3559, 0.4435, 0.3815



38.4637, 0.3860, 0.4247



8.9981, 0.3278, 0.3374



9.6056, 0.5765, 0.3805



0.4159, 0.5232, 0.4227

Inverse Universe

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



27.6815, 0.2439, 0.2794



44.6938, 0.2298, 0.2656



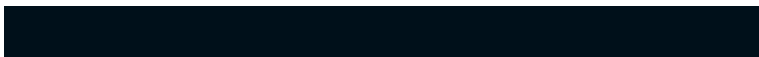
17.1040, 0.2318, 0.2100



9.0976, 0.2986, 0.3205



10.8398, 0.1906, 0.2062



0.4476, 0.2012, 0.2444

Previews

White Background



This preview shows how the Yxy color 26.0235, 0.4116, 0.3727 looks on a white background.

Color Contrast Check

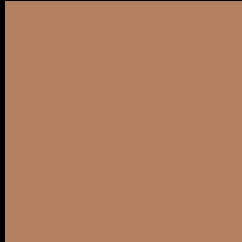
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0235, 0.4116, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

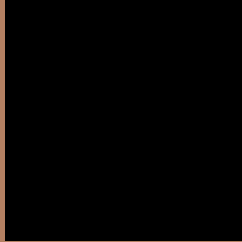
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0235, 0.4116, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 26.0235, 0.4116, 0.3727.



This preview shows how white text looks on a background with the Yxy color 26.0235, 0.4116, 0.3727.

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

26.0235, 0.4116, 0.3727

Protanopia

26.2195, 0.3630, 0.3900

Deuteranopia

26.1288, 0.3932, 0.3860



Tritanopia

25.9267, 0.3746, 0.3149

Trichromacy



Original Color

26.0235, 0.4116, 0.3727

Protanomaly

26.1250, 0.3803, 0.3844

Deuteranomaly

26.1363, 0.4005, 0.3817

Tritanomaly

25.9684, 0.3889, 0.3365

Monochromacy



Original Color

26.0235, 0.4116, 0.3727

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0575, 0.3463, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0235, 0.4116, 0.3727 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(180, 128, 98)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 98)  
}
```

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(180, 128, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.0235, 0.4116, 0.3727 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(180, 128, 98) }
```

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

```
.border{ border-color:rgb(180, 128, 98) }
```

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

Here you see how a box with a 4 pixel rgb(180, 128, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 98);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0235, 0.4116, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 98) }
```

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

```
.background{ background-color: rgb(180,  
128, 98) }
```

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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