

Converting Colors

$Y_{xy}(26.1791, 0.3851, 0.3779)$

Have a look what the booklet for
Yxy(26.1791, 0.3851, 0.3779)
contains.

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Color

Yxy(26.1365, 0.3852, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	A68667
RGB	166, 134, 103
RGB Percent	65%, 53%, 40%
CMY	0.3491, 0.4745, 0.5960
CMYK	0.00, 0.19, 0.38, 0.35
HSL	30°, 26%, 53%
HSV	30°, 38%, 65%
XYZ	26.6979, 26.1365, 16.4748
YIQ	140.0340, 29.0230, -2.8570

Conversions

Conversions Part 2

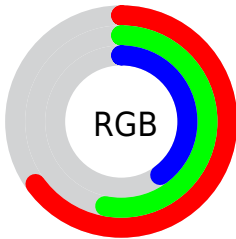
Format	Color
R _Y B	166, 164, 103
Decimal	10913383
CIE Lab	58.17, 7.77, 21.30
CIE LCh	58, 22.673, 69.956
Yxy	26.1365, 0.3852, 0.3771
Android (android.graphics.Color)	4289103463 (0xFFFA68667)
YUV	140.0340, -18.2578, 22.7722
Hunter-Lab	51.1239, 3.7495, 16.6804

Details

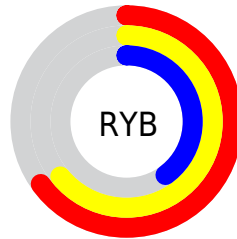
The Yxy color $26.1365, 0.3852, 0.3771$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $22.9652, 0.2532, 0.2750$, and the grayscale version is $26.3041, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4033, 0.3701, 0.3678$, and $10.1369, 0.4119, 0.3904$ is the 20% darker color. If you saturate the color by 10%, you get $23.5984, 0.4099, 0.3896$, and if you desaturate by 10%, it is $28.9291, 0.3628, 0.3640$.

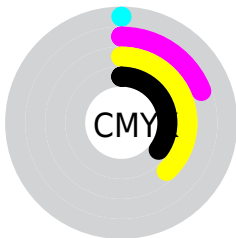
Distribution



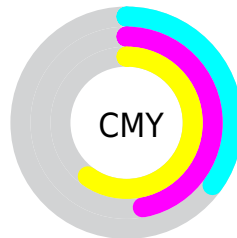
- Red (65%)
- Green (53%)
- Blue (40%)



- Red (65%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1365, 0.3852, 0.3771 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 26.1365, 0.3852, 0.3771 by changing the saturation by 10% instead.


 26.1365, 0.3852,
0.3771


 26.1365, 0.3852,
0.3771


283.4515, 0.3454,
0.3517


 16.9258, 0.3963,
0.3837

 53.4951, 0.3699,
0.3676

 10.1816, 0.4113,
0.3922


 72.4117, 0.3644,
0.3641

 5.5195, 0.4324,
0.4035

 95.3325, 0.3598,
0.3612

 2.5552, 0.4653,
0.4196

 122.6417, 0.3560,
0.3587

 0.9042, 0.5412,
0.4588

154.7238, 0.3528,
0.3566

 0.0000, 0.0000,
0.0000

191.9632, 0.3500,

0.3548

234.7443, 0.3476,
0.3531

■ 26.1365, 0.3852,
0.3771

■ 26.1365, 0.3852,
0.3771

■ 23.5984, 0.4099,
0.3896

■ 28.9291, 0.3628,
0.3640

■ 21.3027, 0.4365,
0.4007

■ 31.9801, 0.3428,
0.3510

■ 19.2420, 0.4639,
0.4093

■ 35.2983, 0.3251,
0.3385

■ 17.4066, 0.4909,
0.4141


■ 38.8907, 0.3097,
0.3266


■ 15.7860, 0.5158,
0.4141


■ 42.7640, 0.2962,
0.3156


 14.3654, 0.5374,
0.4092

 46.9247, 0.2845,
0.3054

 14.0931, 0.5418,
0.4080

 51.3790, 0.2743,
0.2960

 56.1331, 0.2654,
0.2875

 61.1926, 0.2576,
0.2796

Harmonies

Analogous

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



26.1365, 0.3879, 0.3482



26.1365, 0.3852, 0.3771



26.1365, 0.3623, 0.3955

Triad

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



26.1365, 0.3852, 0.3771



26.1365, 0.2587, 0.3382



26.1365, 0.2950, 0.2716

Complementary

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



26.1365, 0.3852, 0.3771



22.9652, 0.2532, 0.2750

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.



26.1365, 0.2629, 0.2666



26.1365, 0.3852, 0.3771



26.1365, 0.2429, 0.3023

Square

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



26.1365, 0.3852, 0.3771



26.1365, 0.2889, 0.3738



26.1365, 0.2445, 0.2769



26.1365, 0.3340, 0.2896

Rectangle

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



26.1365, 0.3852, 0.3771



26.1365, 0.3394, 0.3979



26.1365, 0.2445, 0.2769



26.1365, 0.2831, 0.2683

Sweetspot

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



26.1377, 0.3852, 0.3771



62.0507, 0.3306, 0.3425



19.5751, 0.3562, 0.2790



13.7097, 0.3329, 0.3441



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.



26.1377, 0.3852, 0.3771



43.3124, 0.4072, 0.3883



35.9729, 0.3689, 0.4197



8.1291, 0.3274, 0.3401



11.0236, 0.5404, 0.4091



0.3709, 0.4907, 0.4486

Inverse Universe

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



22.9652, 0.2532, 0.2750



36.6698, 0.2392, 0.2597



15.5522, 0.2451, 0.2186



7.9067, 0.2987, 0.3176



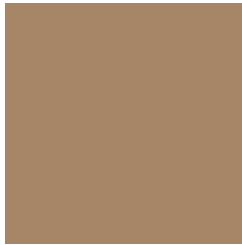
7.1826, 0.1787, 0.1633



0.2769, 0.1953, 0.2232

Previews

White Background



This preview shows how the Yxy color 26.1365, 0.3852, 0.3771 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 26.1365, 0.3852, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

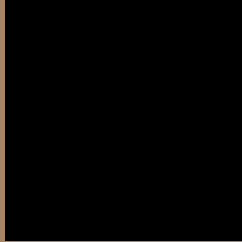
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1365, 0.3852, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 26.1365, 0.3852, 0.3771.



This preview shows how white text looks on a background with the Yxy color 26.1365, 0.3852, 0.3771.

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

26.1365, 0.3852, 0.3771

Protanopia

26.2808, 0.3598, 0.3851

Deuteranopia

26.1365, 0.3852, 0.3771



Tritanopia

26.1106, 0.3499, 0.3141

Trichromacy



Original Color

26.1365, 0.3852, 0.3771

Protanomaly

26.2648, 0.3689, 0.3822

Deuteranomaly

26.1365, 0.3852, 0.3771

Tritanomaly

26.1740, 0.3634, 0.3368

Monochromacy



Original Color

26.1365, 0.3852, 0.3771

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0988, 0.3366, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1365, 0.3852, 0.3771 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(166, 134, 103)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 103)  
}
```

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(166, 134, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.1365, 0.3852, 0.3771 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(166, 134, 103) }
```

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

```
.border{ border-color:rgb(166, 134, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 103);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1365, 0.3852, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 103) }
```

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

```
.background{ background-color: rgb(166,  
134, 103) }
```

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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