

Converting Colors

$Y_{xy}(25.9777, 0.3761, 0.3678)$

Have a look what the booklet for
Yxy(25.9777, 0.3761, 0.3678)
contains.

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Color

Yxy(26.0468, 0.3760, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	A4866D
RGB	164, 134, 109
RGB Percent	64%, 53%, 43%
CMY	0.3568, 0.4745, 0.5725
CMYK	0.00, 0.18, 0.34, 0.36
HSL	27°, 23%, 54%
HSV	27°, 34%, 64%
XYZ	26.5986, 26.0468, 18.0955
YIQ	140.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

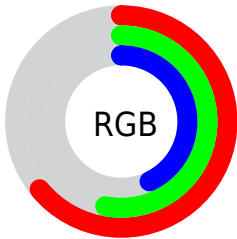
Format	Color
RYB	164, 155, 109
Decimal	10782317
CIELab	58.08, 7.73, 17.77
CIELCh	58, 19.376, 66.486
Yxy	26.0468, 0.3760, 0.3682
Android (android.graphics.Color)	4288972397 (0xFFA4866D)
YUV	140.1200, -15.3422, 20.9428
Hunter-Lab	51.0361, 3.7161, 14.7032

Details

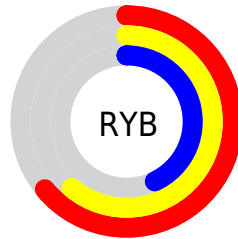
The Yxy color **26.0468, 0.3760, 0.3682** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **24.4073, 0.2607, 0.2861**, and the grayscale version is **26.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3295, 0.3624, 0.3598**, and **10.0571, 0.3999, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **23.3564, 0.4006, 0.3801**, and if you desaturate by 10%, it is **29.0150, 0.3541, 0.3561**.

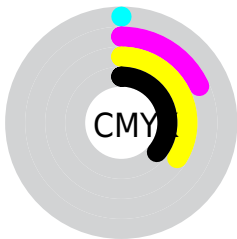
Distribution



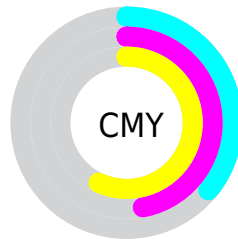
- Red (64%)
- Green (53%)
- Blue (43%)



- Red (64%)
- Yellow (61%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0468, 0.3760, 0.3682 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 26.0468, 0.3760, 0.3682 by changing the saturation by 10% instead.


 26.0468, 0.3760,
0.3682


 26.0468, 0.3760,
0.3682


283.0117, 0.3412,
0.3474


 16.8587, 0.3858,
0.3737


 53.3504, 0.3625,
0.3604

 10.1338, 0.3992,
0.3809


 72.2347, 0.3577,
0.3575

 5.4877, 0.4183,
0.3905

 95.1198, 0.3537,
0.3552

 2.5362, 0.4473,
0.4035

 122.3902, 0.3504,
0.3531

 0.8947, 0.5411,
0.4589

154.4301, 0.3476,
0.3514

 0.0000, 0.0000,
0.0000

191.6241, 0.3451,

0.3499

234.3565, 0.3430,
0.3486

■ 26.0468, 0.3760,
0.3682

■ 26.0468, 0.3760,
0.3682

■ 23.3564, 0.4006,
0.3801

■ 29.0150, 0.3541,
0.3561

■ 20.9314, 0.4275,
0.3911

■ 32.2658, 0.3349,
0.3442

■ 18.7635, 0.4562,
0.4001


■ 35.8084, 0.3181,
0.3328


■ 16.8428, 0.4854,
0.4059


■ 39.6503, 0.3036,
0.3222


■ 15.1581, 0.5133,
0.4073


■ 43.7990, 0.2910,
0.3124


 13.6971, 0.5380,
0.4035

 48.2613, 0.2800,
0.3034

 12.8596, 0.5527,
0.3994

 53.0442, 0.2706,
0.2951

 58.1543, 0.2623,
0.2875

 63.4926, 0.2559,
0.2823

Harmonies

Analogous

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



26.0468, 0.3760, 0.3429



26.0468, 0.3760, 0.3682



26.0468, 0.3584, 0.3849

Triad

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



26.0468, 0.3760, 0.3682



26.0468, 0.2688, 0.3408



26.0468, 0.2941, 0.2782

Complementary

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



26.0468, 0.3760, 0.3682



24.4073, 0.2607, 0.2861

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.



26.0468, 0.2673, 0.2755



26.0468, 0.3760, 0.3682



26.0468, 0.2533, 0.3097

Square

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



26.0468, 0.3760, 0.3682



26.0468, 0.2961, 0.3699



26.0468, 0.2529, 0.2863



26.0468, 0.3272, 0.2927

Rectangle

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



26.0468, 0.3760, 0.3682



26.0468, 0.3395, 0.3879



26.0468, 0.2529, 0.2863



26.0468, 0.2841, 0.2759

Sweetspot

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



26.0480, 0.3760, 0.3682



60.6473, 0.3290, 0.3403



20.7054, 0.3471, 0.2823



13.0754, 0.3313, 0.3418



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.0480, 0.3760, 0.3682



43.6968, 0.3934, 0.3769



34.5829, 0.3633, 0.4070



7.5911, 0.3274, 0.3392



9.9506, 0.5511, 0.4006



0.3032, 0.4931, 0.4467

Inverse Universe

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



24.4073, 0.2607, 0.2861



40.2646, 0.2495, 0.2750



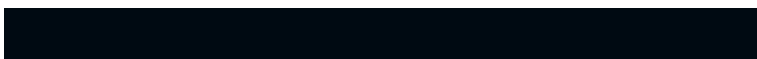
17.4679, 0.2546, 0.2368



7.4705, 0.2987, 0.3185



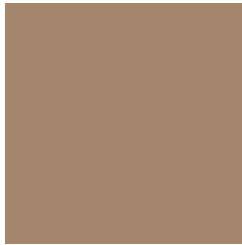
7.6945, 0.1823, 0.1763



0.2547, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 26.0468, 0.3760, 0.3682 looks on a white background.

Color Contrast Check

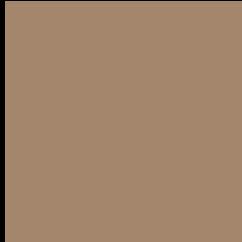
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0468, 0.3760, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

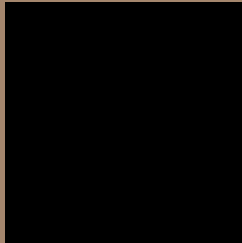
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0468, 0.3760, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 26.0468, 0.3760, 0.3682.



This preview shows how white text looks on a background with the Yxy color 26.0468, 0.3760, 0.3682.

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

26.0468, 0.3760, 0.3682

Protanopia

26.2219, 0.3510, 0.3755

Deuteranopia

26.0468, 0.3760, 0.3682



Tritanopia

26.0742, 0.3450, 0.3139

Trichromacy



Original Color

26.0468, 0.3760, 0.3682

Protanomaly

26.1947, 0.3600, 0.3729

Deuteranomaly

26.0468, 0.3760, 0.3682

Tritanomaly

25.9246, 0.3563, 0.3322

Monochromacy



Original Color

26.0468, 0.3760, 0.3682

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1515, 0.3345, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0468, 0.3760, 0.3682 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(164, 134, 109)` looks like.

```
.text, #text, p{  
    color:rgb(164, 134, 109)  
}
```

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(164, 134, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 134, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.0468, 0.3760, 0.3682 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(164, 134, 109) }
```

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

```
.border{ border-color:rgb(164, 134, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 134, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 134, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 134, 109);  
box-shadow:4px 4px 4px 4px rgb(164, 134,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0468, 0.3760, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 134, 109) }
```

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

```
.background{ background-color: rgb(164,  
134, 109) }
```

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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