

Converting Colors

$Y_{xy}(26.1047, 0.4244, 0.3845)$

Have a look what the booklet for
Yxy(26.1047, 0.4244, 0.3845)
contains.

Yxy(26.1047, 0.4244, 0.3845)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1047, 0.4244, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	B68059
RGB	182, 128, 89
RGB Percent	71%, 50%, 35%
CMY	0.2863, 0.4980, 0.6509
CMYK	0.00, 0.30, 0.51, 0.29
HSL	25°, 39%, 53%
HSV	25°, 51%, 71%
XYZ	28.8136, 26.1047, 12.9743
YIQ	139.7000, 44.7030, -0.6810

Conversions

Conversions Part 2

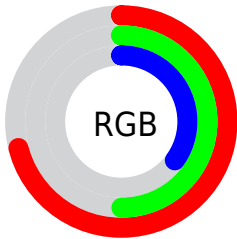
Format	Color
R_{YB}	182, 156, 89
Decimal	11960409
CIE Lab	58.14, 16.33, 29.40
CIE LCh	58, 33.635, 60.952
Yxy	26.1047, 0.4244, 0.3845
Android (android.graphics.Color)	4290150489 (0xFFB68059)
YUV	139.7000, -24.9951, 37.0971
Hunter-Lab	51.0928, 11.2522, 20.7091

Details

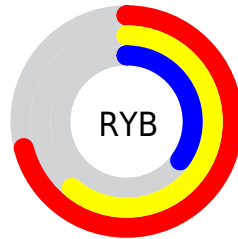
The Yxy color **26.1047, 0.4244, 0.3845** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.1485, 0.2345, 0.2634**, and the grayscale version is **26.1899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4665, 0.4006, 0.3745**, and **10.1948, 0.4626, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **23.2221, 0.4544, 0.3932**, and if you desaturate by 10%, it is **29.3527, 0.3967, 0.3740**.

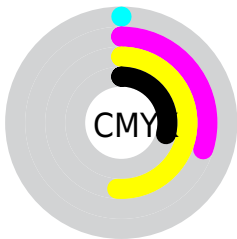
Distribution



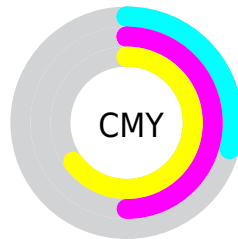
- Red (71%)
- Green (50%)
- Blue (35%)



- Red (71%)
- Yellow (61%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (51%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1047, 0.4244, 0.3845 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 26.1047, 0.4244, 0.3845 by changing the saturation by 10% instead.


 26.1047, 0.4244,
0.3845


 26.1047, 0.4244,
0.3845


283.2957, 0.3633,
0.3570


 16.9020, 0.4411,
0.3907


 53.4438, 0.4011,
0.3749

 10.1646, 0.4631,
0.3977

 72.3490, 0.3926,
0.3711


 5.5083, 0.4930,
0.4051

 95.2571, 0.3856,
0.3679

 2.5484, 0.5536,
0.4247

 122.5526, 0.3798,
0.3651

 0.9008, 0.5955,
0.4045

 154.6198, 0.3747,
0.3627

 0.0000, 1.0000,
0.0000

191.8431, 0.3704,

 0.0000, 0.0000,

0.3605

0.0000

234.6069, 0.3666,
0.3587

■ 26.1047, 0.4244,
0.3845

■ 26.1047, 0.4244,
0.3845

■ 23.2221, 0.4544,
0.3932

■ 29.3527, 0.3967,
0.3740

■ 20.6865, 0.4855,
0.3990

■ 32.9756, 0.3718,
0.3628

■ 18.4835, 0.5158,
0.4006

■ 36.9873, 0.3498,
0.3515

■ 16.5959, 0.5430,
0.3971

■ 41.4001, 0.3308,
0.3405

■ 15.1575, 0.5640,
0.3904

■ 46.2251, 0.3144,
0.3301

■ 51.4735, 0.3002,
0.3204

■ 57.1557, 0.2880,
0.3115

■ 63.2820, 0.2775,
0.3033

■ 69.8619, 0.2685,
0.2958

Harmonies

Analogous

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



26.1047, 0.4196, 0.3406



26.1047, 0.4244, 0.3845



26.1047, 0.3971, 0.4200

Triad

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



26.1047, 0.4244, 0.3845



26.1047, 0.2446, 0.3592



26.1047, 0.2703, 0.2428

Complementary

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



26.1047, 0.4244, 0.3845



25.1485, 0.2345, 0.2634

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.



26.1047, 0.2303, 0.2410



26.1047, 0.4244, 0.3845



26.1047, 0.2163, 0.3022

Square

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



26.1047, 0.4244, 0.3845



26.1047, 0.2923, 0.4108



26.1047, 0.2116, 0.2605



26.1047, 0.3258, 0.2632

Rectangle

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



26.1047, 0.4244, 0.3845



26.1047, 0.3660, 0.4321



26.1047, 0.2116, 0.2605



26.1047, 0.2548, 0.2400

Sweetspot

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



26.1060, 0.4244, 0.3845



71.6401, 0.3384, 0.3450



19.0828, 0.3701, 0.2537



15.4524, 0.3424, 0.3473



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.1060, 0.4244, 0.3845



41.6434, 0.4573, 0.3939



41.0341, 0.3910, 0.4423



9.6145, 0.3278, 0.3386



10.8299, 0.5620, 0.3920



0.5048, 0.5164, 0.4282

Inverse Universe

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



25.1485, 0.2345, 0.2634



39.6661, 0.2197, 0.2462



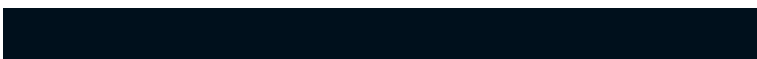
14.0076, 0.2187, 0.1822



9.5623, 0.2985, 0.3192



9.7518, 0.1854, 0.1874



0.4632, 0.1966, 0.2278

Previews

White Background



This preview shows how the Yxy color 26.1047, 0.4244, 0.3845 looks on a white background.

Color Contrast Check

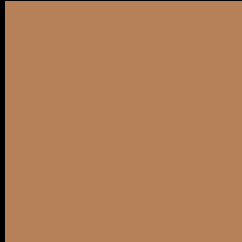
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1047, 0.4244, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

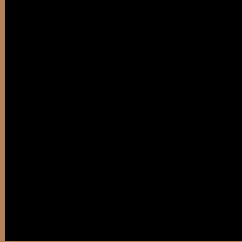
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1047, 0.4244, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 26.1047, 0.4244, 0.3845.



This preview shows how white text looks on a background with the Yxy color 26.1047, 0.4244, 0.3845.

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

26.1047, 0.4244, 0.3845

Protanopia

26.2397, 0.3748, 0.4039

Deuteranopia

26.1898, 0.4055, 0.3985



Tritanopia

26.2710, 0.3794, 0.3165

Trichromacy



Original Color

26.1047, 0.4244, 0.3845

Protanomaly

26.1676, 0.3926, 0.3976

Deuteranomaly

26.2058, 0.4130, 0.3940

Tritanomaly

26.2425, 0.3975, 0.3421

Monochromacy



Original Color

26.1047, 0.4244, 0.3845

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9574, 0.3508, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1047, 0.4244, 0.3845 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(182, 128, 89)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 89)  
}
```

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(182, 128, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 89) }
```

Border

The CSS property to change the border of an element to Yxy 26.1047, 0.4244, 0.3845 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(182, 128, 89) }
```

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

```
.border{ border-color:rgb(182, 128, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 128, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 128, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 128, 89);  
box-shadow:4px 4px 4px 4px rgb(182, 128,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1047, 0.4244, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 89) }
```

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

```
.background{ background-color: rgb(182,  
128, 89) }
```

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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