

Converting Colors

$Y_{xy}(26.0428, 0.4184, 0.3995)$

Have a look what the booklet for
Yxy(26.0428, 0.4184, 0.3995)
contains.

Yxy(26.1257, 0.4183, 0.4008)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1257, 0.4183, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	AE8453
RGB	174, 132, 83
RGB Percent	68%, 52%, 33%
CMY	0.3177, 0.4823, 0.6745
CMYK	0.00, 0.24, 0.52, 0.32
HSL	32°, 36%, 50%
HSV	32°, 52%, 68%
XYZ	27.2664, 26.1257, 11.7918
YIQ	138.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

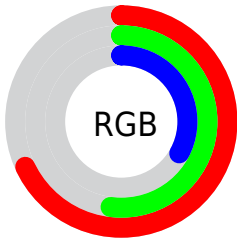
Format	Color
R_{YB}	161, 174, 83
Decimal	11437139
CIE _{Lab}	58.16, 10.12, 32.52
CIE _{LCh}	58, 34.063, 72.712
Yxy	26.1257, 0.4183, 0.4008
Android (android.graphics.Color)	4289627219 (0xFFAE8453)
YUV	138.9720, -27.5942, 30.7196
Hunter-Lab	51.1133, 5.7726, 22.1012

Details

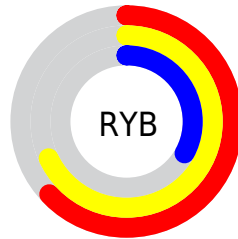
The Yxy color **26.1257, 0.4183, 0.4008** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.5602, 0.2291, 0.2417**, and the grayscale version is **25.9047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5472, 0.3974, 0.3879**, and **10.2358, 0.4531, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **23.7965, 0.4437, 0.4120**, and if you desaturate by 10%, it is **28.6924, 0.3939, 0.3877**.

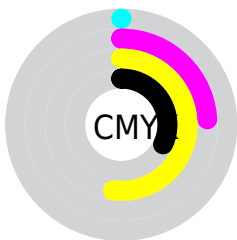
Distribution



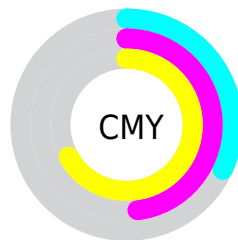
- Red (68%)
- Green (52%)
- Blue (33%)



- Red (63%)
- Yellow (68%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (32%)




- Cyan (32%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1257, 0.4183, 0.4008 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 26.1257, 0.4183, 0.4008 by changing the saturation by 10% instead.


 26.1257, 0.4183,
0.4008


 26.1257, 0.4183,
0.4008


283.3986, 0.3611,
0.3641


 16.9177, 0.4336,
0.4095


 53.4777, 0.3966,
0.3876


 10.1758, 0.4534,
0.4200


 72.3904, 0.3887,
0.3825


 5.5157, 0.4796,
0.4320

 95.3069, 0.3822,
0.3783

 2.5529, 0.5371,
0.4629

 122.6114, 0.3766,
0.3746

 0.9030, 0.5566,
0.4434

 154.6885, 0.3719,
0.3714

 0.0000, 1.0000,
0.0000

191.9224, 0.3678,

 0.0000, 0.0000,

0.3687

0.0000

234.6977, 0.3642,
0.3662

■ 26.1257, 0.4183,
0.4008

■ 26.1257, 0.4183,
0.4008

■ 23.7965, 0.4437,
0.4120

■ 28.6924, 0.3939,
0.3877

■ 21.6922, 0.4691,
0.4200

■ 31.5012, 0.3713,
0.3736

■ 19.8043, 0.4931,
0.4236

■ 34.5609, 0.3508,
0.3593

■ 18.1218, 0.5143,
0.4222

■ 37.8789, 0.3324,
0.3453

■ 16.9501, 0.5288,
0.4183

■ 41.4622, 0.3162,
0.3319

■ 45.3173, 0.3018,
0.3194

■ 49.4506, 0.2893,
0.3078

■ 53.8682, 0.2783,
0.2971

■ 58.5760, 0.2686,
0.2873

Harmonies

Analogous

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



26.1257, 0.4271, 0.3584



26.1257, 0.4183, 0.4008



26.1257, 0.3805, 0.4298

Triad

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



26.1257, 0.4183, 0.4008



26.1257, 0.2298, 0.3361



26.1257, 0.2905, 0.2479

Complementary

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



26.1257, 0.4183, 0.4008



19.5602, 0.2291, 0.2417

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.



26.1257, 0.2428, 0.2383



26.1257, 0.4183, 0.4008



26.1257, 0.2104, 0.2828

Square

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



26.1257, 0.4183, 0.4008



26.1257, 0.2713, 0.3939



26.1257, 0.2151, 0.2492



26.1257, 0.3493, 0.2748

Rectangle

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



26.1257, 0.4183, 0.4008



26.1257, 0.3453, 0.4340



26.1257, 0.2151, 0.2492



26.1257, 0.2728, 0.2426

Sweetspot

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



26.1270, 0.4183, 0.4008



66.2578, 0.3395, 0.3508



16.6785, 0.3887, 0.2670



14.4573, 0.3432, 0.3536



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.1270, 0.4183, 0.4008



42.4436, 0.4484, 0.4137



39.5447, 0.3845, 0.4541



8.7029, 0.3273, 0.3412



12.4158, 0.5273, 0.4195



0.4533, 0.4865, 0.4519

Inverse Universe

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



19.5602, 0.2291, 0.2417



29.2223, 0.2114, 0.2174



11.2247, 0.2168, 0.1669



8.3434, 0.2986, 0.3165



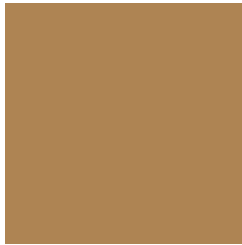
6.5249, 0.1744, 0.1479



0.2917, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 26.1257, 0.4183, 0.4008 looks on a white background.

Color Contrast Check

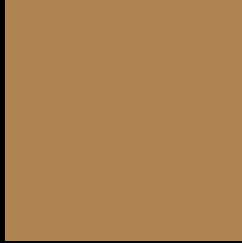
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1257, 0.4183, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

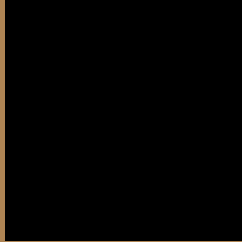
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1257, 0.4183, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 26.1257, 0.4183, 0.4008.



This preview shows how white text looks on a background with the Yxy color 26.1257, 0.4183, 0.4008.

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

26.1257, 0.4183, 0.4008

Protanopia

26.2004, 0.3842, 0.4160

Deuteranopia

26.2208, 0.4120, 0.4051



Tritanopia

26.1360, 0.3651, 0.3160

Trichromacy



Original Color

26.1257, 0.4183, 0.4008

Protanomaly

26.1243, 0.3968, 0.4100

Deuteranomaly

26.0575, 0.4140, 0.4033

Tritanomaly

26.0464, 0.3863, 0.3470

Monochromacy



Original Color

26.1257, 0.4183, 0.4008

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6156, 0.3495, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1257, 0.4183, 0.4008 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(174, 132, 83)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 83)  
}
```

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(174, 132, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 83) }
```

Border

The CSS property to change the border of an element to Yxy 26.1257, 0.4183, 0.4008 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(174, 132, 83) }
```

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

```
.border{ border-color:rgb(174, 132, 83) }
```

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

Here you see how a box with a 4 pixel rgb(174, 132, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 83);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1257, 0.4183, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 83) }
```

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

```
.background{ background-color: rgb(174,  
132, 83) }
```

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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