

Converting Colors

$Y_{xy}(26.0963, 0.3821, 0.3778)$

Have a look what the booklet for
Yxy(26.0963, 0.3821, 0.3778)
contains.

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Color

Yxy(26.1997, 0.3823, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	A48767
RGB	164, 135, 103
RGB Percent	64%, 53%, 40%
CMY	0.3569, 0.4706, 0.5962
CMYK	0.00, 0.18, 0.37, 0.36
HSL	31°, 25%, 52%
HSV	31°, 37%, 64%
XYZ	26.4209, 26.1997, 16.4897
YIQ	140.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

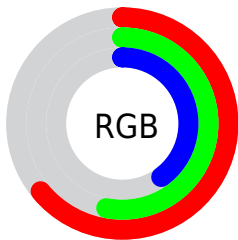
Format	Color
R_{YB}	158, 164, 103
Decimal	10782567
CIE _{Lab}	58.23, 6.38, 21.37
CIE _{LCh}	58, 22.301, 73.385
Yxy	26.1997, 0.3823, 0.3791
Android (android.graphics.Color)	4288972647 (0xFFA48767)
YUV	140.0230, -18.2523, 21.0278
Hunter-Lab	51.1856, 2.5627, 16.7294

Details

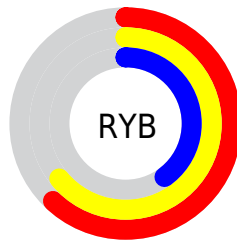
The Yxy color $26.1997, 0.3823, 0.3791$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.0565, 0.2539, 0.2727$, and the grayscale version is $26.2990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5152, 0.3680, 0.3692$, and $10.1620, 0.4072, 0.3934$ is the 20% darker color. If you saturate the color by 10%, you get $23.8079, 0.4060, 0.3925$, and if you desaturate by 10%, it is $28.8177, 0.3606, 0.3652$.

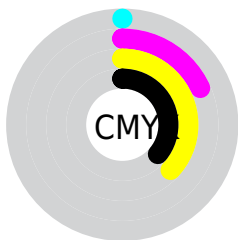
Distribution



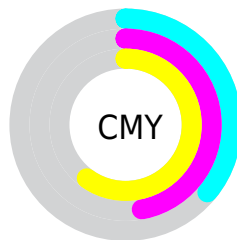
- Red (64%)
- Green (53%)
- Blue (40%)



- Red (62%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (37%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1997, 0.3823, 0.3791 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 26.1997, 0.3823, 0.3791 by changing the saturation by 10% instead.


 26.1997, 0.3823,
0.3791

 26.1997, 0.3823,
0.3791


283.7610, 0.3442,
0.3525


 16.9731, 0.3929,
0.3861

 53.5969, 0.3676,
0.3691


 10.2153, 0.4072,
0.3952


 72.5364, 0.3624,
0.3655

 5.5419, 0.4273,
0.4073

 95.4822, 0.3580,
0.3624

 2.5686, 0.4587,
0.4250

 122.8188, 0.3544,
0.3598

 0.9109, 0.5317,
0.4683

154.9306, 0.3512,
0.3576

 0.0000, 0.0000,
0.0000

192.2020, 0.3486,

0.3557

235.0173, 0.3462,
0.3540

■ 26.1997, 0.3823,
0.3791

■ 26.1997, 0.3823,
0.3791

■ 23.8079, 0.4060,
0.3925

■ 28.8177, 0.3606,
0.3652

■ 21.6314, 0.4313,
0.4045

■ 31.6651, 0.3411,
0.3514

■ 19.6637, 0.4573,
0.4140

■ 34.7493, 0.3239,
0.3381

■ 17.8967, 0.4828,
0.4198

■ 38.0766, 0.3087,
0.3256

■ 16.3209, 0.5063,
0.4209

■ 41.6529, 0.2953,
0.3139

■ 14.9239, 0.5266,
0.4170

■ 45.4836, 0.2837,
0.3031

■ 14.5610, 0.5322,
0.4156

■ 49.5744, 0.2735,
0.2931

■ 53.9304, 0.2645,
0.2840

■ 58.5567, 0.2567,
0.2757

Harmonies

Analogous

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



26.1997, 0.3875, 0.3515



26.1997, 0.3823, 0.3791



26.1997, 0.3579, 0.3954

Triad

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



26.1997, 0.3823, 0.3791



26.1997, 0.2570, 0.3338



26.1997, 0.2996, 0.2739

Complementary

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



26.1997, 0.3823, 0.3791



22.0565, 0.2539, 0.2727

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.



26.1997, 0.2667, 0.2675



26.1997, 0.3823, 0.3791



26.1997, 0.2434, 0.2992

Square

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



26.1997, 0.3823, 0.3791



26.1997, 0.2854, 0.3695



26.1997, 0.2468, 0.2758



26.1997, 0.3380, 0.2929

Rectangle

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



26.1997, 0.3823, 0.3791



26.1997, 0.3348, 0.3961



26.1997, 0.2468, 0.2758



26.1997, 0.2875, 0.2702

Sweetspot

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



26.2009, 0.3823, 0.3791



60.7864, 0.3305, 0.3434



19.2669, 0.3579, 0.2831



13.1331, 0.3327, 0.3451



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.



26.2009, 0.3823, 0.3791



43.7844, 0.4027, 0.3907



35.3142, 0.3663, 0.4196



7.6724, 0.3272, 0.3408



11.2609, 0.5308, 0.4167



0.3305, 0.4809, 0.4563

Inverse Universe

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



22.0565, 0.2539, 0.2727



35.1136, 0.2400, 0.2568



15.3186, 0.2474, 0.2196



7.3891, 0.2987, 0.3169



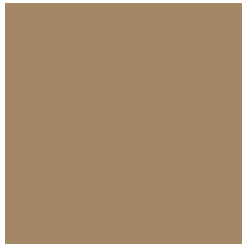
6.3185, 0.1758, 0.1528



0.2273, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 26.1997, 0.3823, 0.3791 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 26.1997, 0.3823, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

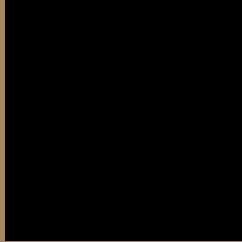
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1997, 0.3823, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 26.1997, 0.3823, 0.3791.



This preview shows how white text looks on a background with the Yxy color 26.1997, 0.3823, 0.3791.

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

26.1997, 0.3823, 0.3791

Protanopia

26.2601, 0.3609, 0.3867

Deuteranopia

26.1365, 0.3852, 0.3771



Tritanopia

26.1835, 0.3461, 0.3140

Trichromacy



Original Color

26.1997, 0.3823, 0.3791

Protanomaly

26.1450, 0.3688, 0.3841

Deuteranomaly

26.0288, 0.3840, 0.3773

Tritanomaly

26.2503, 0.3595, 0.3368

Monochromacy



Original Color

26.1997, 0.3823, 0.3791

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 26.1997, 0.3823, 0.3791 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, 135, 103)` looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 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(164, 135, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.1997, 0.3823, 0.3791 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, 135, 103) }
```

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

```
.border{ border-color:rgb(164, 135, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 135, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 103);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1997, 0.3823, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 103) }
```

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

```
.background{ background-color: rgb(164,  
135, 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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