

Converting Colors

$Y_{xy}(26.6444, 0.4194, 0.3684)$

Have a look what the booklet for
Yxy(26.6444, 0.4194, 0.3684)
contains.

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Color

Yxy(26.6444, 0.4194, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	BB7F63
RGB	187, 127, 99
RGB Percent	73%, 50%, 39%
CMY	0.2667, 0.5019, 0.6118
CMYK	0.00, 0.32, 0.47, 0.27
HSL	19°, 39%, 56%
HSV	19°, 47%, 73%
XYZ	30.3330, 26.6444, 15.3473
YIQ	141.7480, 44.7480, 4.0120

Conversions

Conversions Part 2

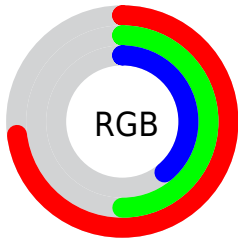
Format	Color
R_{YB}	187, 140, 99
Decimal	12287843
CIE _{Lab}	58.64, 19.95, 24.61
CIE _{LCh}	59, 31.680, 50.976
Yxy	26.6444, 0.4194, 0.3684
Android (android.graphics.Color)	4290477923 (0xFFBB7F63)
YUV	141.7480, -21.0748, 39.6860
Hunter-Lab	51.6182, 14.5620, 18.5045

Details

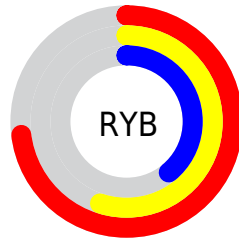
The Yxy color **26.6444, 0.4194, 0.3684** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.0276, 0.2429, 0.2843**, and the grayscale version is **27.0176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2570, 0.3967, 0.3619**, and **10.3810, 0.4577, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **23.2415, 0.4523, 0.3755**, and if you desaturate by 10%, it is **30.5493, 0.3900, 0.3601**.

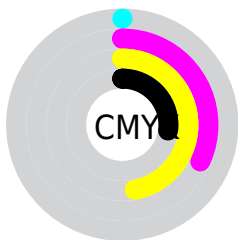
Distribution



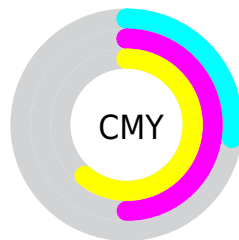
- Red (73%)
- Green (50%)
- Blue (39%)



- Red (73%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (27%)





- Cyan (27%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6444, 0.4194, 0.3684 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 26.6444, 0.4194, 0.3684 by changing the saturation by 10% instead.


 26.6444, 0.4194,
0.3684


 26.6444, 0.4194,
0.3684


285.9312, 0.3609,
0.3494


 17.3063, 0.4356,
0.3725


 54.3127, 0.3969,
0.3619


 10.4531, 0.4574,
0.3771


 73.4118, 0.3888,
0.3593

 5.7004, 0.4876,
0.3816

 96.5332, 0.3821,
0.3570

 2.6638, 0.5362,
0.3873

 124.0616, 0.3765,
0.3551

 0.9588, 0.6143,
0.3857

156.3811, 0.3717,
0.3534

 0.0000, 1.0000,
0.0000

193.8763, 0.3676,

 0.0000, 0.0000,

0.3519

0.0000

236.9316, 0.3640,
0.3505

■ 26.6444, 0.4194,
0.3684

■ 26.6444, 0.4194,
0.3684

■ 23.2415, 0.4523,
0.3755

■ 30.5493, 0.3900,
0.3601

■ 20.3153, 0.4877,
0.3803

■ 34.9721, 0.3645,
0.3514

■ 17.8442, 0.5236,
0.3817

■ 39.9329, 0.3426,
0.3428

■ 15.8029, 0.5568,
0.3785

■ 45.4496, 0.3241,
0.3345

■ 14.1618, 0.5843,
0.3708

■ 51.5391, 0.3084,
0.3268

■ 13.7463, 0.5917,
0.3684

■ 58.2176, 0.2951,
0.3197

■ 65.5006, 0.2839,
0.3131

■ 73.4031, 0.2743,
0.3072

■ 81.1227, 0.2722,
0.3146

Harmonies

Analogous

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



26.6444, 0.4040, 0.3265



26.6444, 0.4194, 0.3684



26.6444, 0.4034, 0.4053

Triad

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



26.6444, 0.4194, 0.3684



26.6444, 0.2622, 0.3750



26.6444, 0.2585, 0.2451

Complementary

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



26.6444, 0.4194, 0.3684



31.0276, 0.2429, 0.2843

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.



26.6444, 0.2268, 0.2501



26.6444, 0.4194, 0.3684



26.6444, 0.2285, 0.3211

Square

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



26.6444, 0.4194, 0.3684



26.6444, 0.3112, 0.4157



26.6444, 0.2164, 0.2759



26.6444, 0.3069, 0.2588

Rectangle

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



26.6444, 0.4194, 0.3684



26.6444, 0.3785, 0.4214



26.6444, 0.2164, 0.2759



26.6444, 0.2457, 0.2445

Sweetspot

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



26.6457, 0.4194, 0.3684



74.2243, 0.3370, 0.3404



21.9940, 0.3521, 0.2480



15.8889, 0.3413, 0.3422



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.6457, 0.4194, 0.3684



41.7170, 0.4518, 0.3754



40.5362, 0.3904, 0.4246



10.0189, 0.3281, 0.3364



9.5891, 0.5895, 0.3701



0.4966, 0.5415, 0.4082

Inverse Universe

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



31.0276, 0.2429, 0.2843



50.4008, 0.2303, 0.2730



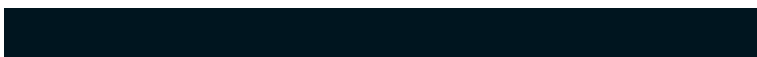
18.5306, 0.2294, 0.2098



10.2833, 0.2985, 0.3215



13.1479, 0.1953, 0.2229



0.6280, 0.2031, 0.2513

Previews

White Background



This preview shows how the Yxy color 26.6444, 0.4194, 0.3684 looks on a white background.

Color Contrast Check

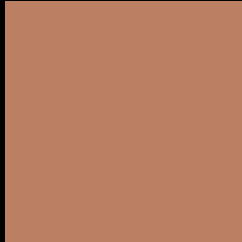
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6444, 0.4194, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

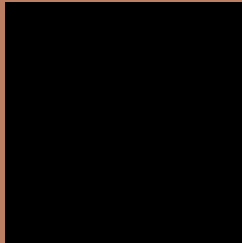
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6444, 0.4194, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 26.6444, 0.4194, 0.3684.



This preview shows how white text looks on a background with the Yxy color 26.6444, 0.4194, 0.3684.

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

26.6444, 0.4194, 0.3684

Protanopia

26.7451, 0.3628, 0.3877

Deuteranopia

26.6260, 0.3950, 0.3869



Tritanopia

26.7790, 0.3842, 0.3167

Trichromacy



Original Color

26.6444, 0.4194, 0.3684

Protanomaly

26.5869, 0.3829, 0.3803

Deuteranomaly

26.6145, 0.4042, 0.3793

Tritanomaly

26.5902, 0.3977, 0.3348

Monochromacy



Original Color

26.6444, 0.4194, 0.3684

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6668, 0.3484, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6444, 0.4194, 0.3684 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(187, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(187, 127, 99)  
}
```

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(187, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 127, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.6444, 0.4194, 0.3684 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(187, 127, 99) }
```

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

```
.border{ border-color:rgb(187, 127, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 127, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(187, 127,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6444, 0.4194, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 127, 99) }
```

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

```
.background{ background-color: rgb(187,  
127, 99) }
```

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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