

Converting Colors

$Y_{xy}(26.5887, 0.4244, 0.3750)$

Have a look what the booklet for
Yxy(26.5887, 0.4244, 0.3750)
contains.

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Color

Yxy(26.5517, 0.4253, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	BB7F5E
RGB	187, 127, 94
RGB Percent	73%, 50%, 37%
CMY	0.2666, 0.5020, 0.6314
CMYK	0.00, 0.32, 0.50, 0.27
HSL	21°, 41%, 55%
HSV	21°, 50%, 73%
XYZ	30.1051, 26.5517, 14.1288
YIQ	141.1780, 46.3530, 2.4570

Conversions

Conversions Part 2

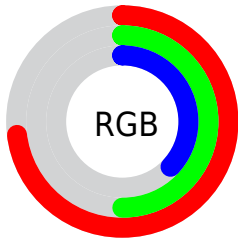
Format	Color
R_{YB}	187, 145, 94
Decimal	12287838
CIE Lab	58.56, 19.46, 27.29
CIE LCh	59, 33.522, 54.506
Yxy	26.5517, 0.4253, 0.3751
Android (android.graphics.Color)	4290477918 (0xFFBB7F5E)
YUV	141.1780, -23.2588, 40.1859
Hunter-Lab	51.5283, 14.1130, 19.8128

Details

The Yxy color **26.5517, 0.4253, 0.3751** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0840, 0.2383, 0.2756**, and the grayscale version is **26.7898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0993, 0.4011, 0.3673**, and **10.4793, 0.4644, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **23.3245, 0.4576, 0.3826**, and if you desaturate by 10%, it is **30.2361, 0.3960, 0.3661**.

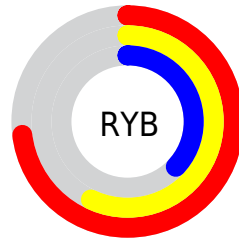
Distribution



Red (73%)

Green (50%)

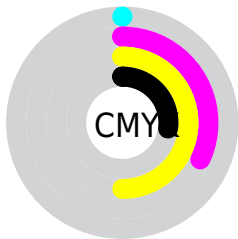
Blue (37%)



Red (73%)

Yellow (57%)

Blue (37%)

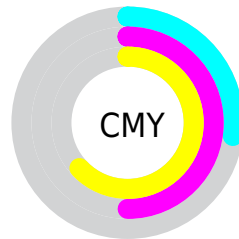


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (27%)



Cyan (27%)


Magenta (50%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5517, 0.4253, 0.3751 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 26.5517, 0.4253, 0.3751 by changing the saturation by 10% instead.


 26.5517, 0.4253,
0.3751


 26.5517, 0.4253,
0.3751


285.4799, 0.3637,
0.3528


 17.2368, 0.4423,
0.3799


 54.1636, 0.4017,
0.3674


 10.4035, 0.4648,
0.3852

 73.2295, 0.3932,
0.3644

 5.6673, 0.4957,
0.3904


 96.3145, 0.3861,
0.3618

 2.6438, 0.5499,
0.4003

 123.8030, 0.3802,
0.3595

 0.9488, 0.6120,
0.3880

156.0794, 0.3751,
0.3575

 0.0000, 1.0000,
0.0000

193.5281, 0.3708,

 0.0000, 0.0000,

0.3557

0.0000

236.5334, 0.3670,
0.3542

■ 26.5517, 0.4253,
0.3751

■ 26.5517, 0.4253,
0.3751

■ 23.3245, 0.4576,
0.3826

■ 30.2361, 0.3960,
0.3661

■ 20.5316, 0.4917,
0.3874

■ 34.3918, 0.3701,
0.3565

■ 18.1535, 0.5255,
0.3883


■ 39.0367, 0.3478,
0.3468

■ 16.1674, 0.5560,
0.3843

■ 44.1868, 0.3286,
0.3375


■ 14.5421, 0.5816,
0.3761

■ 49.8574, 0.3123,
0.3288

 14.5029, 0.5822,
0.3759

 56.0629, 0.2984,
0.3207

 62.8172, 0.2866,
0.3132

 70.1338, 0.2765,
0.3064

 77.5454, 0.2716,
0.3078

Harmonies

Analogous

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



26.5517, 0.4131, 0.3311



26.5517, 0.4253, 0.3751



26.5517, 0.4044, 0.4130

Triad

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



26.5517, 0.4253, 0.3751



26.5517, 0.2540, 0.3713



26.5517, 0.2606, 0.2415

Complementary

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



26.5517, 0.4253, 0.3751



29.0840, 0.2383, 0.2756

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.



26.5517, 0.2250, 0.2440



26.5517, 0.4253, 0.3751



26.5517, 0.2212, 0.3138

Square

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



26.5517, 0.4253, 0.3751



26.5517, 0.3043, 0.4178



26.5517, 0.2114, 0.2682



26.5517, 0.3132, 0.2580

Rectangle

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



26.5517, 0.4253, 0.3751



26.5517, 0.3763, 0.4287



26.5517, 0.2114, 0.2682



26.5517, 0.2465, 0.2400

Sweetspot

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



26.5530, 0.4253, 0.3751



73.9343, 0.3388, 0.3426



20.9206, 0.3594, 0.2476



15.8581, 0.3430, 0.3446



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.



26.5530, 0.4253, 0.3751



41.1090, 0.4618, 0.3833



41.2838, 0.3930, 0.4330



10.0753, 0.3280, 0.3372



10.1163, 0.5800, 0.3776



0.5212, 0.5337, 0.4144

Inverse Universe

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



29.0840, 0.2383, 0.2756



46.0856, 0.2239, 0.2609



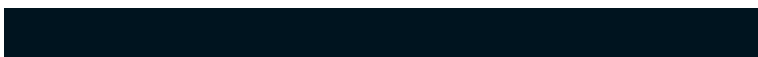
16.6840, 0.2232, 0.1966



10.2244, 0.2985, 0.3207



11.9769, 0.1917, 0.2100



0.5882, 0.2005, 0.2418

Previews

White Background



This preview shows how the Yxy color 26.5517, 0.4253, 0.3751 looks on a white background.

Color Contrast Check

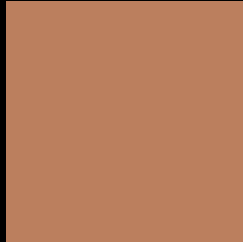
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5517, 0.4253, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

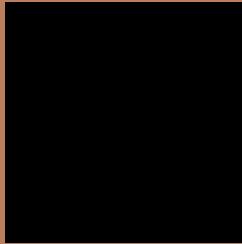
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5517, 0.4253, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 26.5517, 0.4253, 0.3751.



This preview shows how white text looks on a background with the Yxy color 26.5517, 0.4253, 0.3751.

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

26.5517, 0.4253, 0.3751

Protanopia

26.6453, 0.3680, 0.3958

Deuteranopia

26.6467, 0.4016, 0.3939



Tritanopia

26.5049, 0.3859, 0.3167

Trichromacy



Original Color

26.5517, 0.4253, 0.3751

Protanomaly

26.4895, 0.3885, 0.3879

Deuteranomaly

26.5229, 0.4098, 0.3864

Tritanomaly

26.5421, 0.4003, 0.3376

Monochromacy



Original Color

26.5517, 0.4253, 0.3751

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3327, 0.3510, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5517, 0.4253, 0.3751 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(187, 127, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 127, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.5517, 0.4253, 0.3751 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, 94) }
```

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

```
.border{ border-color:rgb(187, 127, 94) }
```

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, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 127, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 127, 94);  
box-shadow:4px 4px 4px 4px rgb(187, 127,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5517, 0.4253, 0.3751 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, 94) }
```

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

```
.background{ background-color: rgb(187,  
127, 94) }
```

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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