

Converting Colors

$Y_{xy}(26.5514, 0.4283, 0.3705)$

Have a look what the booklet for
Yxy(26.5514, 0.4283, 0.3705)
contains.

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Color

Yxy(26.4406, 0.4291, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	BE7D5F
RGB	190, 125, 95
RGB Percent	75%, 49%, 37%
CMY	0.2550, 0.5097, 0.6275
CMYK	0.00, 0.34, 0.50, 0.25
HSL	19°, 42%, 56%
HSV	19°, 50%, 75%
XYZ	30.6308, 26.4406, 14.3125
YIQ	141.0150, 48.3700, 4.4500

Conversions

Conversions Part 2

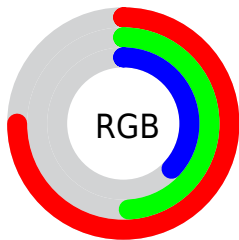
Format	Color
RYB	190, 139, 95
Decimal	12483935
CIELab	58.45, 21.88, 26.68
CIELCh	58, 34.504, 50.636
Yxy	26.4406, 0.4291, 0.3704
Android (android.graphics.Color)	4290674015 (0xFFBE7D5F)
YUV	141.0150, -22.6854, 42.9598
Hunter-Lab	51.4204, 16.3456, 19.4914

Details

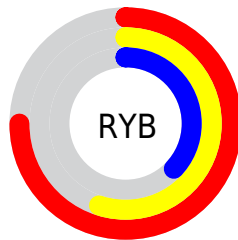
The Yxy color **26.4406, 0.4291, 0.3704** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2758, 0.2390, 0.2813**, and the grayscale version is **26.7190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0558, 0.4047, 0.3636**, and **10.3139, 0.4718, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **23.0597, 0.4631, 0.3769**, and if you desaturate by 10%, it is **30.3388, 0.3985, 0.3624**.

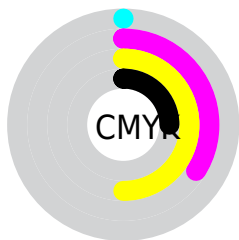
Distribution



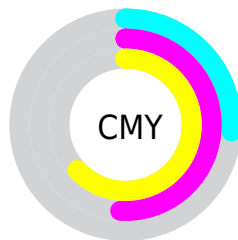
- Red (75%)
- Green (49%)
- Blue (37%)



- Red (75%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (25%)





- Cyan (26%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4406, 0.4291, 0.3704 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 26.4406, 0.4291, 0.3704 by changing the saturation by 10% instead.


 26.4406, 0.4291,
0.3704


 26.4406, 0.4291,
0.3704


284.9383, 0.3653,
0.3508


 17.1535, 0.4467,
0.3744


 53.9849, 0.4046,
0.3638

 10.3440, 0.4702,
0.3786


 73.0109, 0.3958,
0.3611

 5.6276, 0.5025,
0.3822


 96.0521, 0.3885,
0.3588

 2.6200, 0.5580,
0.3887

 123.4927, 0.3823,
0.3568

 0.9367, 0.6260,
0.3740

155.7173, 0.3771,
0.3550

 0.0000, 1.0000,
0.0000

193.1101, 0.3726,

 0.0000, 0.0000,

0.3534

0.0000

236.0557, 0.3687,
0.3520

■ 26.4406, 0.4291,
0.3704

■ 26.4406, 0.4291,
0.3704

■ 23.0597, 0.4631,
0.3769

■ 30.3388, 0.3985,
0.3624

■ 20.1693, 0.4990,
0.3807

■ 34.7716, 0.3717,
0.3538

■ 17.7460, 0.5345,
0.3808

■ 39.7603, 0.3487,
0.3452

■ 15.7625, 0.5664,
0.3762

■ 45.3239, 0.3292,
0.3368

■ 14.1820, 0.5925,
0.3677

■ 51.4804, 0.3127,
0.3290

■ 58.2470, 0.2988,
0.3217

■ 65.6401, 0.2870,
0.3151

■ 73.6756, 0.2769,
0.3090

■ 81.6418, 0.2739,
0.3149

Harmonies

Analogous

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



26.4406, 0.4121, 0.3252



26.4406, 0.4291, 0.3704



26.4406, 0.4115, 0.4110

Triad

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



26.4406, 0.4291, 0.3704



26.4406, 0.2580, 0.3801



26.4406, 0.2532, 0.2383

Complementary

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



26.4406, 0.4291, 0.3704



31.2758, 0.2390, 0.2813

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.



26.4406, 0.2195, 0.2435



26.4406, 0.4291, 0.3704



26.4406, 0.2216, 0.3205

Square

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



26.4406, 0.4291, 0.3704



26.4406, 0.3112, 0.4248



26.4406, 0.2085, 0.2712



26.4406, 0.3055, 0.2529

Rectangle

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



26.4406, 0.4291, 0.3704



26.4406, 0.3843, 0.4294



26.4406, 0.2085, 0.2712



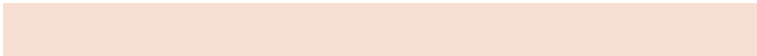
26.4406, 0.2396, 0.2376

Sweetspot

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



26.4419, 0.4291, 0.3704



76.7326, 0.3391, 0.3412



21.7176, 0.3534, 0.2414



16.3835, 0.3433, 0.3430



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



26.4419, 0.4291, 0.3704



41.2491, 0.4665, 0.3774



40.8908, 0.3965, 0.4283



10.0153, 0.3281, 0.3363



9.5581, 0.5901, 0.3696



0.4951, 0.5421, 0.4078

Inverse Universe

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



31.2758, 0.2390, 0.2813



50.8989, 0.2255, 0.2686



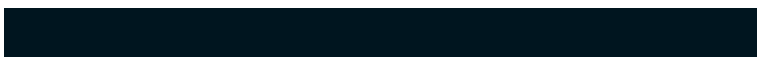
18.1810, 0.2241, 0.2034



10.2870, 0.2985, 0.3216



13.2240, 0.1955, 0.2237



0.6305, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 26.4406, 0.4291, 0.3704 looks on a white background.

Color Contrast Check

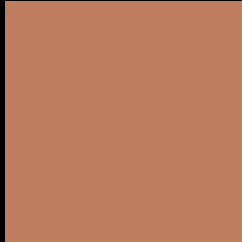
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4406, 0.4291, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

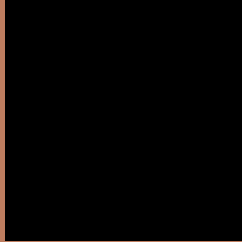
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4406, 0.4291, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 26.4406, 0.4291, 0.3704.



This preview shows how white text looks on a background with the Yxy color 26.4406, 0.4291, 0.3704.

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

26.4406, 0.4291, 0.3704

Protanopia

26.6845, 0.3659, 0.3926

Deuteranopia

26.5533, 0.3994, 0.3927



Tritanopia

26.3554, 0.3929, 0.3169

Trichromacy



Original Color

26.4406, 0.4291, 0.3704

Protanomaly

26.3358, 0.3892, 0.3847

Deuteranomaly

26.3879, 0.4106, 0.3833

Tritanomaly

26.4099, 0.4061, 0.3362

Monochromacy



Original Color

26.4406, 0.4291, 0.3704

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1541, 0.3525, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4406, 0.4291, 0.3704 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(190, 125, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 95)  
}
```

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(190, 125, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 95) }
```

Border

The CSS property to change the border of an element to Yxy 26.4406, 0.4291, 0.3704 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(190, 125, 95) }
```

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

```
.border{ border-color:rgb(190, 125, 95) }
```

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

Here you see how a box with a 4 pixel rgb(190, 125, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 125, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 125, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 125,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4406, 0.4291, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 95) }
```

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

```
.background{ background-color: rgb(190,  
125, 95) }
```

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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