

Converting Colors

$Y_{xy}(27.0277, 0.4644, 0.3805)$

Have a look what the booklet for
Yxy(27.0277, 0.4644, 0.3805)
contains.

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Color

Yxy(26.9504, 0.4641, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	CB7950
RGB	203, 121, 80
RGB Percent	80%, 47%, 31%
CMY	0.2039, 0.5255, 0.6863
CMYK	0.00, 0.40, 0.61, 0.20
HSL	20°, 54%, 55%
HSV	20°, 61%, 80%
XYZ	32.9149, 26.9504, 11.0568
YIQ	140.8440, 62.0330, 4.6330

Conversions

Conversions Part 2

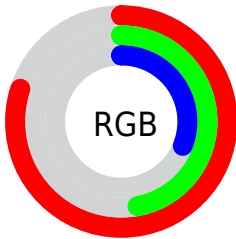
Format	Color
R_{YB}	203, 142, 80
Decimal	13334864
CIE _{Lab}	58.93, 28.15, 35.88
CIE _{LCh}	59, 45.605, 51.881
Yxy	26.9504, 0.4641, 0.3800
Android (android.graphics.Color)	4291524944 (0xFFCB7950)
YUV	140.8440, -29.9961, 54.5108
Hunter-Lab	51.9138, 22.3255, 23.7119

Details

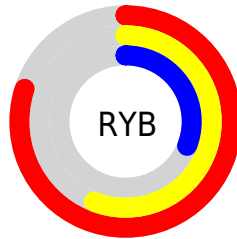
The Yxy color **26.9504, 0.4641, 0.3800** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **31.8597, 0.2249, 0.2653**, and the grayscale version is **26.6740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1438, 0.4262, 0.3749**, and **10.6360, 0.5150, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **23.6337, 0.4995, 0.3840**, and if you desaturate by 10%, it is **30.8220, 0.4304, 0.3733**.

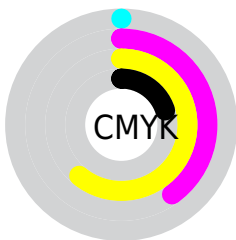
Distribution



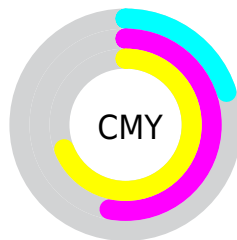
- Red (80%)
- Green (47%)
- Blue (31%)



- Red (80%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (61%)
- Black (20%)




- Cyan (20%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9504, 0.4641, 0.3800 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 26.9504, 0.4641, 0.3800 by changing the saturation by 10% instead.


 26.9504, 0.4641,
0.3800


 26.9504, 0.4641,
0.3800


287.4169, 0.3822,
0.3579


 17.5360, 0.4857,
0.3833


 54.8043, 0.4332,
0.3733


 10.6174, 0.5136,
0.3857

 74.0125, 0.4219,
0.3703


 5.8102, 0.5500,
0.3851

 97.2541, 0.4125,
0.3677

 2.7300, 0.6138,
0.3862

 124.9135, 0.4045,
0.3653

 0.9925, 0.6564,
0.3436

 157.3751, 0.3977,
0.3631

 0.0000, 1.0000,
0.0000

195.0233, 0.3918,

 0.0000, 0.0000,

0.3612

0.0000

238.2424, 0.3867,
0.3594

■ 26.9504, 0.4641,
0.3800

■ 26.9504, 0.4641,
0.3800

■ 23.6337, 0.4995,
0.3840

■ 30.8220, 0.4304,
0.3733

■ 20.8402, 0.5342,
0.3839

■ 35.2697, 0.3999,
0.3649

■ 18.5408, 0.5650,
0.3789

■ 40.3187, 0.3731,
0.3558

■ 16.7913, 0.5889,
0.3706

■ 45.9911, 0.3500,
0.3467

■ 52.3080, 0.3303,
0.3378

■ 59.2894, 0.3136,
0.3295

■ 66.9546, 0.2995,
0.3218

■ 75.3218, 0.2875,
0.3147

■ 83.9022, 0.2813,
0.3161

Harmonies

Analogous

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



26.9504, 0.4453, 0.3238



26.9504, 0.4641, 0.3800



26.9504, 0.4369, 0.4332

Triad

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



26.9504, 0.4641, 0.3800



26.9504, 0.2383, 0.3939



26.9504, 0.2381, 0.2148

Complementary

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



26.9504, 0.4641, 0.3800



31.8597, 0.2249, 0.2653

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.



26.9504, 0.1958, 0.2188



26.9504, 0.4641, 0.3800



26.9504, 0.1948, 0.3124

Square

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



26.9504, 0.4641, 0.3800



26.9504, 0.3051, 0.4569



26.9504, 0.1810, 0.2504



26.9504, 0.3053, 0.2341

Rectangle

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



26.9504, 0.4641, 0.3800



26.9504, 0.3999, 0.4597



26.9504, 0.1810, 0.2504



26.9504, 0.2210, 0.2133

Sweetspot

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



26.9518, 0.4641, 0.3800



79.3949, 0.3451, 0.3445



21.1171, 0.3688, 0.2277



16.3546, 0.3513, 0.3472



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.9518, 0.4641, 0.3800



37.8934, 0.5114, 0.3844



46.1025, 0.4132, 0.4483



11.8145, 0.3282, 0.3368



10.8361, 0.5864, 0.3726



0.6983, 0.5480, 0.4031

Inverse Universe

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



31.8597, 0.2249, 0.2653



46.5977, 0.2108, 0.2483



15.6293, 0.2031, 0.1680



12.0724, 0.2983, 0.3211



14.0042, 0.1937, 0.2171



0.8584, 0.2004, 0.2415

Previews

White Background



This preview shows how the Yxy color 26.9504, 0.4641, 0.3800 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 26.9504, 0.4641, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

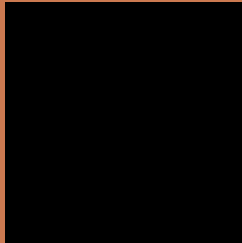
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9504, 0.4641, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 26.9504, 0.4641, 0.3800.



This preview shows how white text looks on a background with the Yxy color 26.9504, 0.4641, 0.3800.

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

26.9504, 0.4641, 0.3800

Protanopia

27.0191, 0.3833, 0.4150

Deuteranopia

27.1428, 0.4211, 0.4141



Tritanopia

27.0678, 0.4165, 0.3191

Trichromacy



Original Color

26.9504, 0.4641, 0.3800

Protanomaly

26.4767, 0.4122, 0.4016

Deuteranomaly

27.0969, 0.4372, 0.4016

Tritanomaly

27.0187, 0.4351, 0.3421

Monochromacy



Original Color

26.9504, 0.4641, 0.3800

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2746, 0.3645, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9504, 0.4641, 0.3800 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(203, 121, 80)` looks like.

```
.text, #text, p{  
    color:rgb(203, 121, 80)  
}
```

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(203, 121, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 121, 80) }
```

Border

The CSS property to change the border of an element to Yxy 26.9504, 0.4641, 0.3800 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(203, 121, 80) }
```

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

```
.border{ border-color:rgb(203, 121, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 121, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 121, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 121, 80);  
box-shadow:4px 4px 4px 4px rgb(203, 121,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9504, 0.4641, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 121, 80) }
```

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

```
.background{ background-color: rgb(203,  
121, 80) }
```

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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