

Converting Colors

$Y_{xy}(26.2411, 0.4936, 0.4117)$

Have a look what the booklet for
Yxy(26.2411, 0.4936, 0.4117)
contains.

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Color

Yxy(26.2895, 0.4931, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	C9792E
RGB	201, 121, 46
RGB Percent	79%, 47%, 18%
CMY	0.2118, 0.5255, 0.8194
CMYK	0.00, 0.40, 0.77, 0.21
HSL	29°, 63%, 48%
HSV	29°, 77%, 79%
XYZ	31.4187, 26.2895, 6.0085
YIQ	136.3700, 71.7550, -6.3650

Conversions

Conversions Part 2

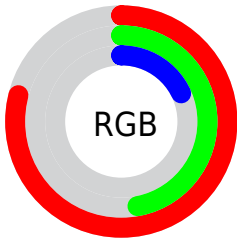
Format	Color
R _Y B	201, 191, 46
Decimal	13203758
CIE Lab	58.31, 25.41, 51.98
CIE LCh	58, 57.858, 63.947
Yxy	26.2895, 0.4931, 0.4126
Android (android.graphics.Color)	4291393838 (0xFFC9792E)
YUV	136.3700, -44.5524, 56.6805
Hunter-Lab	51.2733, 19.6511, 28.9434

Details

The Yxy color **26.2895, 0.4931, 0.4126** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **19.7332, 0.1974, 0.2036**, and the grayscale version is **24.9198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3952, 0.4528, 0.4053**, and **10.2974, 0.5345, 0.4138** is the 20% darker color. If you saturate the color by 10%, you get **23.7795, 0.5186, 0.4122**, and if you desaturate by 10%, it is **29.1478, 0.4653, 0.4080**.

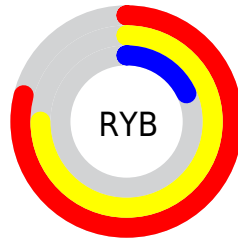
Distribution



Red (79%)

Green (47%)

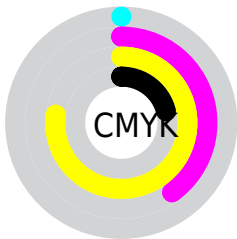
Blue (18%)



Red (79%)

Yellow (75%)

Blue (18%)

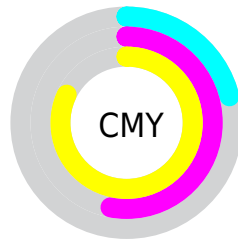


Cyan (0%)

Magenta (40%)

Yellow (77%)

Black (21%)



Cyan (21%)


Magenta (53%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2895, 0.4931, 0.4126 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 26.2895, 0.4931, 0.4126 by changing the saturation by 10% instead.


 26.2895, 0.4931,
0.4126


 26.2895, 0.4931,
0.4126


284.2003, 0.3988,
0.3775


 17.0403, 0.5153,
0.4167


 53.7416, 0.4592,
0.4027

 10.2633, 0.5416,
0.4183


 72.7134, 0.4462,
0.3981

 5.5739, 0.5803,
0.4197


 95.6948, 0.4352,
0.3937

 2.5877, 0.6047,
0.3953

 123.0702, 0.4257,
0.3898

 0.9205, 0.6458,
0.3542

 155.2241, 0.4176,
0.3862

 0.0000, 1.0000,
0.0000

 192.5408, 0.4105,

 0.0000, 0.0000,

0.3830

0.0000

235.4048, 0.4043,
0.3801

■ 26.2895, 0.4931,
0.4126

■ 26.2895, 0.4931,
0.4126

■ 23.7795, 0.5186,
0.4122

■ 29.1478, 0.4653,
0.4080

■ 21.5926, 0.5403,
0.4065

■ 32.3676, 0.4371,
0.3995

■ 21.0090, 0.5463,
0.4044

■ 35.9659, 0.4099,
0.3884

■ 39.9572, 0.3847,
0.3759

■ 44.3549, 0.3619,
0.3628

■ 49.1719, 0.3417,
0.3499

■ 54.4201, 0.3239,
0.3374

■ 60.1111, 0.3084,
0.3257

■ 66.2559, 0.2950,
0.3147

Harmonies

Analogous

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



26.2895, 0.4982, 0.3448



26.2895, 0.4931, 0.4126



26.2895, 0.4367, 0.4771

Triad

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



26.2895, 0.4931, 0.4126



26.2895, 0.1927, 0.3680



26.2895, 0.2488, 0.1962

Complementary

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



26.2895, 0.4931, 0.4126



19.7332, 0.1974, 0.2036

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.



26.2895, 0.1858, 0.1883



26.2895, 0.4931, 0.4126



26.2895, 0.1569, 0.2687

Square

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



26.2895, 0.4931, 0.4126



26.2895, 0.2636, 0.4718



26.2895, 0.1556, 0.2098



26.2895, 0.3418, 0.2290

Rectangle

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



26.2895, 0.4931, 0.4126



26.2895, 0.3826, 0.5058



26.2895, 0.1556, 0.2098



26.2895, 0.2241, 0.1907

Sweetspot

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



26.2909, 0.4931, 0.4126



78.9608, 0.3540, 0.3579



15.8847, 0.4367, 0.2405



16.2717, 0.3617, 0.3627



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.



26.2909, 0.4931, 0.4126



37.9593, 0.5347, 0.4086



53.1941, 0.4133, 0.4900



11.4695, 0.3278, 0.3402



13.3915, 0.5441, 0.4062



0.7790, 0.5114, 0.4322

Inverse Universe

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



19.7332, 0.1974, 0.2036



26.1868, 0.1822, 0.1722



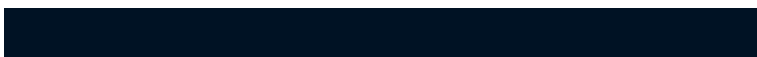
6.9654, 0.1686, 0.0921



11.1780, 0.2983, 0.3175



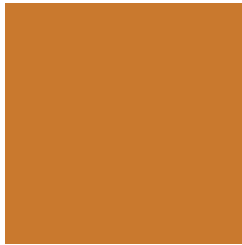
9.0320, 0.1791, 0.1648



0.5723, 0.1894, 0.2017

Previews

White Background



This preview shows how the Yxy color 26.2895, 0.4931, 0.4126 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 26.2895, 0.4931, 0.4126 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 26.2895, 0.4931, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 26.2895, 0.4931, 0.4126.



This preview shows how white text looks on a background with the Yxy color 26.2895, 0.4931, 0.4126.

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

26.2895, 0.4931, 0.4126

Protanopia

26.4569, 0.4182, 0.4605

Deuteranopia

26.4475, 0.4537, 0.4469



Tritanopia

26.1945, 0.4197, 0.3178

Trichromacy



Original Color

26.2895, 0.4931, 0.4126

Protanomaly

26.1562, 0.4457, 0.4430

Deuteranomaly

26.1892, 0.4690, 0.4341

Tritanomaly

26.1363, 0.4532, 0.3571

Monochromacy



Original Color

26.2895, 0.4931, 0.4126

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6855, 0.3796, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2895, 0.4931, 0.4126 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(201, 121, 46)` looks like.

```
.text, #text, p{  
    color:rgb(201, 121, 46)  
}
```

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(201, 121, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 121, 46) }
```

Border

The CSS property to change the border of an element to Yxy 26.2895, 0.4931, 0.4126 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(201, 121, 46) }
```

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

```
.border{ border-color:rgb(201, 121, 46) }
```

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

Here you see how a box with a 4 pixel rgb(201, 121, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 121, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 121, 46);  
box-shadow:4px 4px 4px 4px rgb(201, 121,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2895, 0.4931, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 121, 46) }
```

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

```
.background{ background-color: rgb(201,  
121, 46) }
```

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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