

Converting Colors

$Yxy(26.9316, 0.4482, 0.3833)$

Have a look what the booklet for
Yxy(26.9316, 0.4482, 0.3833)
contains.

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Color

Yxy(26.9094, 0.4474, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	C37D54
RGB	195, 125, 84
RGB Percent	76%, 49%, 33%
CMY	0.2352, 0.5098, 0.6705
CMYK	0.00, 0.36, 0.57, 0.24
HSL	22°, 48%, 55%
HSV	22°, 57%, 76%
XYZ	31.4423, 26.9094, 11.9262
YIQ	141.2560, 54.8810, 2.0890

Conversions

Conversions Part 2

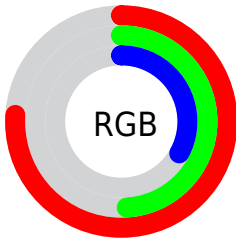
Format	Color
RYB	195, 149, 84
Decimal	12811604
CIELab	58.89, 23.00, 33.43
CIELCh	59, 40.577, 55.472
Yxy	26.9094, 0.4474, 0.3829
Android (android.graphics.Color)	4291001684 (0xFFC37D54)
YUV	141.2560, -28.2272, 47.1335
Hunter-Lab	51.8743, 17.4134, 22.6809

Details

The Yxy color **26.9094, 0.4474, 0.3829** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.9455, 0.2281, 0.2633**, and the grayscale version is **26.8396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6329, 0.4196, 0.3752**, and **10.5690, 0.4940, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **23.7226, 0.4806, 0.3889**, and if you desaturate by 10%, it is **30.5696, 0.4162, 0.3745**.

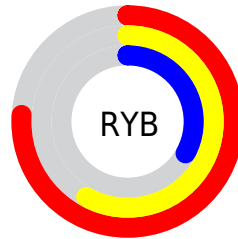
Distribution



Red (76%)

Green (49%)

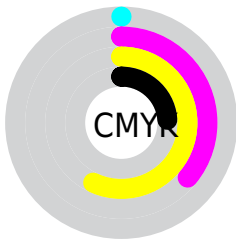
Blue (33%)



Red (76%)

Yellow (58%)

Blue (33%)

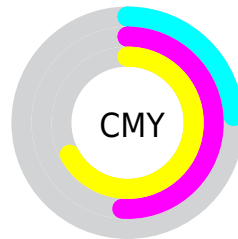


Cyan (0%)

Magenta (36%)

Yellow (57%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9094, 0.4474, 0.3829 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 26.9094, 0.4474, 0.3829 by changing the saturation by 10% instead.


 26.9094, 0.4474,
0.3829


 26.9094, 0.4474,
0.3829


287.2182, 0.3743,
0.3579


 17.5052, 0.4669,
0.3876


 54.7384, 0.4197,
0.3747


 10.5953, 0.4923,
0.3921


 73.9321, 0.4096,
0.3714

 5.7954, 0.5260,
0.3951

 97.1576, 0.4012,
0.3684

 2.7211, 0.5929,
0.4071

 124.7995, 0.3941,
0.3658

 0.9879, 0.6299,
0.3701

 157.2421, 0.3881,
0.3635

 0.0000, 1.0000,
0.0000

194.8698, 0.3829,

 0.0000, 0.0000,

0.3614

0.0000

238.0671, 0.3783,
0.3596

■ 26.9094, 0.4474,
0.3829

■ 26.9094, 0.4474,
0.3829

■ 23.7226, 0.4806,
0.3889

■ 30.5696, 0.4162,
0.3745

■ 20.9840, 0.5141,
0.3912

■ 34.7190, 0.3881,
0.3649

■ 18.6715, 0.5452,
0.3887

■ 39.3774, 0.3634,
0.3548

■ 16.7578, 0.5713,
0.3813

■ 44.5623, 0.3421,
0.3448

■ 16.2396, 0.5788,
0.3786

■ 50.2901, 0.3238,
0.3353

■ 56.5768, 0.3082,
0.3263

■ 63.4374, 0.2949,
0.3180

■ 70.8864, 0.2835,
0.3104

■ 78.6432, 0.2761,
0.3082

Harmonies

Analogous

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



26.9094, 0.4350, 0.3315



26.9094, 0.4474, 0.3829



26.9094, 0.4199, 0.4289

Triad

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



26.9094, 0.4474, 0.3829



26.9094, 0.2404, 0.3780



26.9094, 0.2520, 0.2264

Complementary

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



26.9094, 0.4474, 0.3829



28.9455, 0.2281, 0.2633

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.



26.9094, 0.2102, 0.2279



26.9094, 0.4474, 0.3829



26.9094, 0.2035, 0.3072

Square

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



26.9094, 0.4474, 0.3829



26.9094, 0.2991, 0.4368



26.9094, 0.1936, 0.2542



26.9094, 0.3148, 0.2464

Rectangle

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



26.9094, 0.4474, 0.3829



26.9094, 0.3853, 0.4490



26.9094, 0.1936, 0.2542



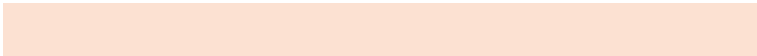
26.9094, 0.2354, 0.2243

Sweetspot

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



26.9108, 0.4474, 0.3829



79.4658, 0.3428, 0.3452



20.2895, 0.3720, 0.2393



16.9697, 0.3469, 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.



26.9108, 0.4474, 0.3829



41.3690, 0.4878, 0.3897



44.9724, 0.4032, 0.4480



10.6734, 0.3280, 0.3376



10.7017, 0.5764, 0.3806



0.5946, 0.5339, 0.4143

Inverse Universe

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



28.9455, 0.2281, 0.2633



45.2187, 0.2137, 0.2463



14.7138, 0.2083, 0.1707



10.7829, 0.2984, 0.3203



11.9325, 0.1902, 0.2047



0.6437, 0.1988, 0.2356

Previews

White Background



This preview shows how the Yxy color 26.9094, 0.4474, 0.3829 looks on a white background.

Color Contrast Check

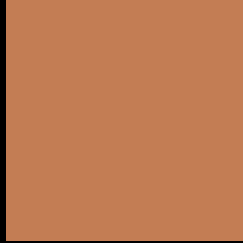
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9094, 0.4474, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

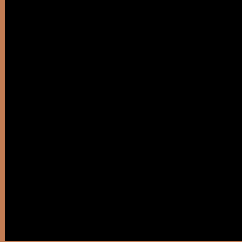
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9094, 0.4474, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 26.9094, 0.4474, 0.3829.



This preview shows how white text looks on a background with the Yxy color 26.9094, 0.4474, 0.3829.

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

26.9094, 0.4474, 0.3829

Protanopia

27.0527, 0.3813, 0.4120

Deuteranopia

27.1018, 0.4149, 0.4080



Tritanopia

26.7579, 0.4005, 0.3172

Trichromacy



Original Color

26.9094, 0.4474, 0.3829

Protanomaly

26.8589, 0.4052, 0.4009

Deuteranomaly

26.9508, 0.4265, 0.3982

Tritanomaly

26.7149, 0.4190, 0.3414

Monochromacy



Original Color

26.9094, 0.4474, 0.3829

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2611, 0.3594, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9094, 0.4474, 0.3829 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(195, 125, 84)` looks like.

```
.text, #text, p{  
    color:rgb(195, 125, 84)  
}
```

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(195, 125, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 125, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.9094, 0.4474, 0.3829 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(195, 125, 84) }
```

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

```
.border{ border-color:rgb(195, 125, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 125, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 125, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 125, 84);  
box-shadow:4px 4px 4px 4px rgb(195, 125,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9094, 0.4474, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 125, 84) }
```

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

```
.background{ background-color: rgb(195,  
125, 84) }
```

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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