

Converting Colors

$Y_{xy}(29.3601, 0.4611, 0.3815)$

Have a look what the booklet for
Yxy(29.3601, 0.4611, 0.3815)
contains.

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Color

Yxy(29.3741, 0.4606, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	D17F54
RGB	209, 127, 84
RGB Percent	82%, 50%, 33%
CMY	0.1804, 0.5019, 0.6707
CMYK	0.00, 0.39, 0.60, 0.18
HSL	21°, 58%, 57%
HSV	21°, 60%, 82%
XYZ	35.4831, 29.3741, 12.1795
YIQ	146.6160, 62.6750, 4.0110

Conversions

Conversions Part 2

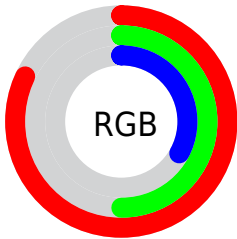
Format	Color
R _Y B	209, 150, 84
Decimal	13729620
CIE Lab	61.11, 27.65, 36.58
CIE LCh	61, 45.858, 52.917
Yxy	29.3741, 0.4606, 0.3813
Android (android.graphics.Color)	4291919700 (0xFFD17F54)
YUV	146.6160, -30.8697, 54.7108
Hunter-Lab	54.1979, 22.0169, 24.6147

Details

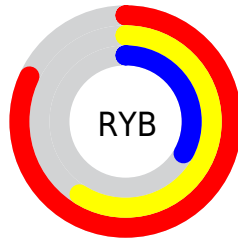
The Yxy color **29.3741, 0.4606, 0.3813** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **33.7436, 0.2252, 0.2639**, and the grayscale version is **29.1209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6518, 0.4185, 0.3761**, and **11.9254, 0.5066, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **25.7928, 0.4955, 0.3857**, and if you desaturate by 10%, it is **33.5377, 0.4275, 0.3741**.

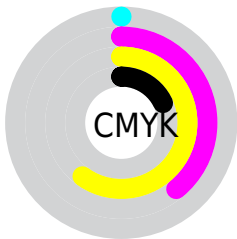
Distribution



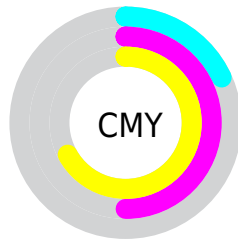
- Red (82%)
- Green (50%)
- Blue (33%)



- Red (82%)
- Yellow (59%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3741, 0.4606, 0.3813 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 29.3741, 0.4606, 0.3813 by changing the saturation by 10% instead.


 29.3741, 0.4606,
0.3813


 29.3741, 0.4606,
0.3813

298.9760, 0.3816,
0.3586


 19.3640, 0.4811,
0.3849


 58.6709, 0.4311,
0.3744

 11.9336, 0.5073,
0.3878


 78.7265, 0.4202,
0.3713


 6.6985, 0.5414,
0.3884


 102.8992, 0.4111,
0.3686

 3.2743, 0.6053,
0.3947

 131.5737, 0.4034,
0.3661

 1.2765, 0.6425,
0.3575

 165.1342, 0.3968,
0.3639

 0.1229, 0.8656,
0.1344

203.9652, 0.3910,

 0.0000, 0.0000,

0.3620

0.0000

248.4510, 0.3860,
0.3602

■ 29.3741, 0.4606,
0.3813

■ 29.3741, 0.4606,
0.3813

■ 25.7928, 0.4955,
0.3857

■ 33.5377, 0.4275,
0.3741

■ 22.7609, 0.5299,
0.3861

■ 38.3051, 0.3975,
0.3654

■ 20.2488, 0.5607,
0.3816

■ 43.7023, 0.3711,
0.3560

■ 18.2150, 0.5859,
0.3728

■ 49.7521, 0.3484,
0.3465

■ 18.1833, 0.5863,
0.3727

■ 56.4762, 0.3289,
0.3374

■ 63.8953, 0.3125,
0.3289

■ 72.0292, 0.2985,
0.3209

■ 80.8966, 0.2866,
0.3136

■ 89.3675, 0.2852,
0.3241

Harmonies

Analogous

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



29.3741, 0.4437, 0.3260



29.3741, 0.4606, 0.3813



29.3741, 0.4329, 0.4330

Triad

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



29.3741, 0.4606, 0.3813



29.3741, 0.2381, 0.3896



29.3741, 0.2416, 0.2172

Complementary

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



29.3741, 0.4606, 0.3813



33.7436, 0.2252, 0.2639

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.



29.3741, 0.1990, 0.2205



29.3741, 0.4606, 0.3813



29.3741, 0.1963, 0.3104

Square

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



29.3741, 0.4606, 0.3813



29.3741, 0.3030, 0.4523



29.3741, 0.1836, 0.2506



29.3741, 0.3081, 0.2370

Rectangle

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



29.3741, 0.4606, 0.3813



29.3741, 0.3962, 0.4579



29.3741, 0.1836, 0.2506



29.3741, 0.2244, 0.2156

Sweetspot

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



29.3756, 0.4606, 0.3813



79.6653, 0.3450, 0.3450



22.6924, 0.3709, 0.2308



16.4199, 0.3512, 0.3478



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.



29.3756, 0.4606, 0.3813



38.9376, 0.5060, 0.3863



50.2302, 0.4107, 0.4493



12.4642, 0.3282, 0.3371



11.3775, 0.5837, 0.3747



0.7826, 0.5480, 0.4030

Inverse Universe

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



33.7436, 0.2252, 0.2639



46.1847, 0.2110, 0.2468



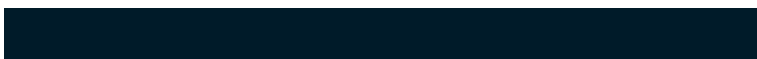
16.5499, 0.2036, 0.1668



12.6932, 0.2983, 0.3208



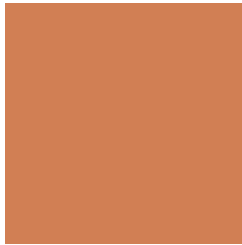
14.0688, 0.1925, 0.2131



0.9314, 0.1991, 0.2368

Previews

White Background



This preview shows how the Yxy color 29.3741, 0.4606, 0.3813 looks on a white background.

Color Contrast Check

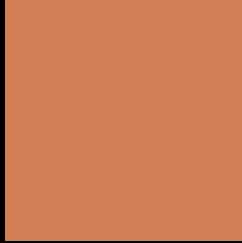
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3741, 0.4606, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

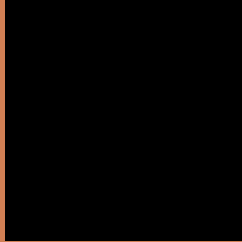
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3741, 0.4606, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 29.3741, 0.4606, 0.3813.



This preview shows how white text looks on a background with the Yxy color 29.3741, 0.4606, 0.3813.

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

29.3741, 0.4606, 0.3813

Protanopia

29.5296, 0.3826, 0.4151

Deuteranopia

29.4676, 0.4210, 0.4126



Tritanopia

29.2835, 0.4129, 0.3181

Trichromacy



Original Color

29.3741, 0.4606, 0.3813

Protanomaly

28.9424, 0.4105, 0.4022

Deuteranomaly

29.2939, 0.4354, 0.4009

Tritanomaly

29.2071, 0.4322, 0.3418

Monochromacy



Original Color

29.3741, 0.4606, 0.3813

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7575, 0.3635, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3741, 0.4606, 0.3813 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(209, 127, 84)` looks like.

```
.text, #text, p{  
    color:rgb(209, 127, 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(209, 127, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 127, 84) }
```

Border

The CSS property to change the border of an element to Yxy 29.3741, 0.4606, 0.3813 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(209, 127, 84) }
```

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

```
.border{ border-color:rgb(209, 127, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 127, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 127, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 127, 84);  
box-shadow:4px 4px 4px 4px rgb(209, 127,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3741, 0.4606, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 127, 84) }
```

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

```
.background{ background-color: rgb(209,  
127, 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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