

Converting Colors

$Yxy(26.8618, 0.4984, 0.3718)$

Have a look what the booklet for
Yxy(26.8618, 0.4984, 0.3718)
contains.

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Color

Yxy(26.8968, 0.4983, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	DB6F48
RGB	219, 111, 72
RGB Percent	86%, 44%, 28%
CMY	0.1412, 0.5647, 0.7178
CMYK	0.00, 0.49, 0.67, 0.14
HSL	16°, 67%, 57%
HSV	16°, 67%, 86%
XYZ	36.0675, 26.8968, 9.4168
YIQ	138.8460, 76.8870, 10.7670

Conversions

Conversions Part 2

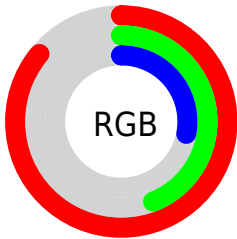
Format	Color
R_{YB}	219, 125, 72
Decimal	14380872
CIE _{Lab}	58.88, 39.24, 40.66
CIE _{LCh}	59, 56.501, 46.018
Yxy	26.8968, 0.4983, 0.3716
Android (android.graphics.Color)	4292570952 (0xFFDB6F48)
YUV	138.8460, -32.9551, 70.2951
Hunter-Lab	51.8621, 33.3790, 25.5380

Details

The Yxy color **26.8968, 0.4983, 0.3716** 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 **39.1215, 0.2210, 0.2721**, and the grayscale version is **25.8635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2161, 0.4393, 0.3726**, and **10.5710, 0.5559, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **23.4614, 0.5368, 0.3718**, and if you desaturate by 10%, it is **31.0690, 0.4600, 0.3681**.

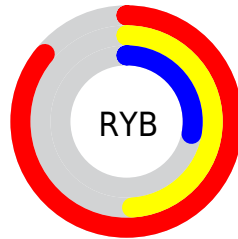
Distribution



Red (86%)

Green (44%)

Blue (28%)



Red (86%)

Yellow (49%)

Blue (28%)

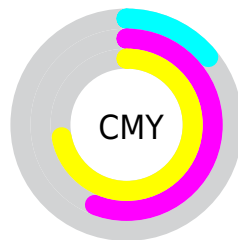


Cyan (0%)

Magenta (49%)

Yellow (67%)

Black (14%)



Cyan (14%)


Magenta (56%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8968, 0.4983, 0.3716 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 26.8968, 0.4983, 0.3716 by changing the saturation by 10% instead.


 26.8968, 0.4983,
0.3716

 26.8968, 0.4983,
0.3716


287.1571, 0.3985,
0.3569


 17.4957, 0.5239,
0.3717


 54.7182, 0.4611,
0.3686


 10.5886, 0.5562,
0.3692


 73.9074, 0.4474,
0.3667

 5.7909, 0.5984,
0.3617

 97.1280, 0.4358,
0.3648

 2.7184, 0.6559,
0.3441

 124.7645, 0.4261,
0.3630

 0.9865, 0.7078,
0.2922

 157.2012, 0.4177,
0.3613

 0.0000, 1.0000,
0.0000

194.8227, 0.4105,

 0.0000, 0.0000,

0.3597

0.0000

238.0132, 0.4041,
0.3582

■ 26.8968, 0.4983,
0.3716

■ 26.8968, 0.4983,
0.3716

■ 23.4614, 0.5368,
0.3718

■ 31.0690, 0.4600,
0.3681

■ 20.7131, 0.5718,
0.3677

■ 36.0148, 0.4246,
0.3623


■ 18.6013, 0.5993,
0.3594

■ 41.7735, 0.3932,
0.3554


■ 18.1007, 0.6061,
0.3570

■ 48.3805, 0.3663,
0.3480

■ 55.8689, 0.3435,
0.3407

 64.2700, 0.3244,
0.3337

 73.6136, 0.3084,
0.3272

 83.9281, 0.2951,
0.3212

 93.8004, 0.2911,
0.3289

Harmonies

Analogous

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



26.8968, 0.4655, 0.3072



26.8968, 0.4983, 0.3716



26.8968, 0.4713, 0.4379

Triad

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



26.8968, 0.4983, 0.3716



26.8968, 0.2341, 0.4306



26.8968, 0.2099, 0.1917

Complementary

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



26.8968, 0.4983, 0.3716



39.1215, 0.2210, 0.2721

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.



26.8968, 0.1675, 0.2007



26.8968, 0.4983, 0.3716



26.8968, 0.1776, 0.3247

Square

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



26.8968, 0.4983, 0.3716



26.8968, 0.3170, 0.4995



26.8968, 0.1564, 0.2427



26.8968, 0.2844, 0.2096

Rectangle

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



26.8968, 0.4983, 0.3716



26.8968, 0.4291, 0.4773



26.8968, 0.1564, 0.2427



26.8968, 0.1922, 0.1915

Sweetspot

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



26.8982, 0.4983, 0.3716



75.5239, 0.3500, 0.3429



23.0793, 0.3642, 0.2102



15.5197, 0.3564, 0.3450



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.



26.8982, 0.4983, 0.3716



31.2343, 0.5534, 0.3705



49.0844, 0.4312, 0.4488



13.6109, 0.3285, 0.3353



10.8865, 0.6035, 0.3590



0.8460, 0.5711, 0.3847

Inverse Universe

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



39.1215, 0.2210, 0.2721



49.2447, 0.2091, 0.2575



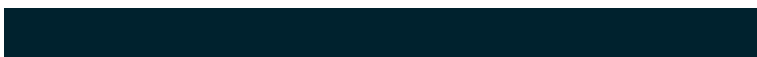
17.3712, 0.1943, 0.1615



14.2142, 0.2982, 0.3226



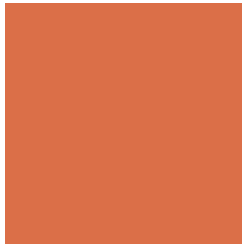
18.3062, 0.2003, 0.2409



1.3243, 0.2047, 0.2570

Previews

White Background



This preview shows how the Yxy color 26.8968, 0.4983, 0.3716 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 26.8968, 0.4983, 0.3716 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 26.8968, 0.4983, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 26.8968, 0.4983, 0.3716.



This preview shows how white text looks on a background with the Yxy color 26.8968, 0.4983, 0.3716.

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

26.8968, 0.4983, 0.3716

Protanopia

27.0385, 0.3893, 0.4220

Deuteranopia

26.9633, 0.4336, 0.4239



Tritanopia

26.8725, 0.4538, 0.3213

Trichromacy



Original Color

26.8968, 0.4983, 0.3716

Protanomaly

26.3808, 0.4292, 0.4027

Deuteranomaly

26.5578, 0.4587, 0.4024

Tritanomaly

26.8226, 0.4713, 0.3409

Monochromacy



Original Color

26.8968, 0.4983, 0.3716

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2631, 0.3762, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8968, 0.4983, 0.3716 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(219, 111, 72)` looks like.

```
.text, #text, p{  
    color:rgb(219, 111, 72)  
}
```

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(219, 111, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 111, 72) }
```

Border

The CSS property to change the border of an element to Yxy 26.8968, 0.4983, 0.3716 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(219, 111, 72) }
```

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

```
.border{ border-color:rgb(219, 111, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 111, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 111, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 111, 72);  
box-shadow:4px 4px 4px 4px rgb(219, 111,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8968, 0.4983, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 111, 72) }
```

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

```
.background{ background-color: rgb(219,  
111, 72) }
```

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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