

Converting Colors

$Y_{xy}(26.6909, 0.5142, 0.3858)$

Have a look what the booklet for
Yxy(26.6909, 0.5142, 0.3858)
contains.

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Color

Yxy(26.7048, 0.5144, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	DB6F37
RGB	219, 111, 55
RGB Percent	86%, 44%, 22%
CMY	0.1412, 0.5647, 0.7844
CMYK	0.00, 0.49, 0.75, 0.14
HSL	20°, 69%, 54%
HSV	20°, 75%, 86%
XYZ	35.5880, 26.7048, 6.8907
YIQ	136.9080, 82.3440, 5.4800

Conversions

Conversions Part 2

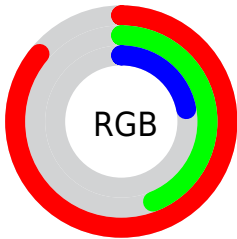
Format	Color
R _Y B	219, 140, 55
Decimal	14380855
CIE Lab	58.70, 38.39, 49.09
CIE LCh	59, 62.323, 51.971
Yxy	26.7048, 0.5144, 0.3860
Android (android.graphics.Color)	4292570935 (0xFFDB6F37)
YUV	136.9080, -40.3806, 71.9947
Hunter-Lab	51.6767, 32.4926, 28.2678

Details

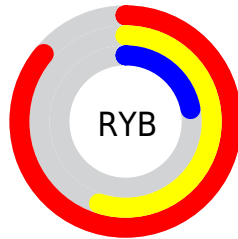
The Yxy color **26.7048, 0.5144, 0.3860** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **32.1133, 0.2090, 0.2445**, and the grayscale version is **25.1121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8308, 0.4541, 0.3885**, and **10.5052, 0.5721, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **23.6438, 0.5475, 0.3838**, and if you desaturate by 10%, it is **30.3698, 0.4792, 0.3836**.

Distribution



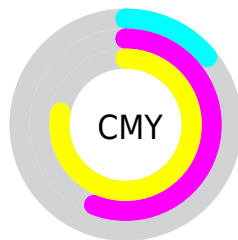
- Red (86%)
- Green (44%)
- Blue (22%)



- Red (86%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (14%)




- Cyan (14%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7048, 0.5144, 0.3860 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 26.7048, 0.5144, 0.3860 by changing the saturation by 10% instead.


 26.7048, 0.5144,
0.3860

 26.7048, 0.5144,
0.3860


286.2250, 0.4079,
0.3664

 17.3516, 0.5402,
0.3860


 54.4098, 0.4756,
0.3821


 10.4855, 0.5716,
0.3825


 73.5304, 0.4609,
0.3796

 5.7220, 0.6200,
0.3782

 96.6757, 0.4485,
0.3771

 2.6768, 0.6535,
0.3465

 124.2299, 0.4379,
0.3746

 0.9654, 0.7054,
0.2946

 156.5776, 0.4288,
0.3723

 0.0000, 1.0000,
0.0000

 194.1031, 0.4209,

 0.0000, 0.0000,

0.3702

0.0000

237.1907, 0.4140,
0.3682

■ 26.7048, 0.5144,
0.3860

■ 26.7048, 0.5144,
0.3860

■ 23.6438, 0.5475,
0.3838

■ 30.3698, 0.4792,
0.3836

■ 21.1447, 0.5753,
0.3766

■ 34.6682, 0.4447,
0.3778

■ 20.0662, 0.5875,
0.3717

■ 39.6321, 0.4128,
0.3698

■ 45.2900, 0.3844,
0.3606

■ 51.6687, 0.3597,
0.3512

■ 58.7934, 0.3385,
0.3419

■ 66.6880, 0.3205,
0.3331

■ 75.3754, 0.3052,
0.3249

■ 84.8774, 0.2923,
0.3173

Harmonies

Analogous

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



26.7048, 0.4939, 0.3167



26.7048, 0.5144, 0.3860



26.7048, 0.4716, 0.4580

Triad

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



26.7048, 0.5144, 0.3860



26.7048, 0.2105, 0.4193



26.7048, 0.2138, 0.1824

Complementary

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



26.7048, 0.5144, 0.3860



32.1133, 0.2090, 0.2445

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.



26.7048, 0.1621, 0.1852



26.7048, 0.5144, 0.3860



26.7048, 0.1582, 0.3013

Square

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



26.7048, 0.5144, 0.3860



26.7048, 0.2960, 0.5115



26.7048, 0.1437, 0.2213



26.7048, 0.3008, 0.2068

Rectangle

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



26.7048, 0.5144, 0.3860



26.7048, 0.4204, 0.5001



26.7048, 0.1437, 0.2213



26.7048, 0.1926, 0.1801

Sweetspot

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



26.7062, 0.5144, 0.3860



75.5537, 0.3536, 0.3487



20.4834, 0.3925, 0.2155



15.6057, 0.3597, 0.3512



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.



26.7062, 0.5144, 0.3860



31.2107, 0.5647, 0.3802



52.8891, 0.4315, 0.4688



13.7750, 0.3283, 0.3370



12.0813, 0.5848, 0.3739



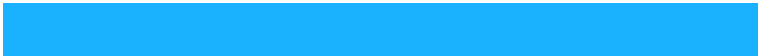
0.9396, 0.5532, 0.3990

Inverse Universe

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



32.1133, 0.2090, 0.2445



38.7239, 0.1970, 0.2237



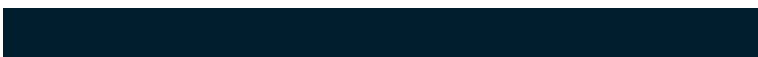
12.0090, 0.1779, 0.1228



14.0416, 0.2982, 0.3208



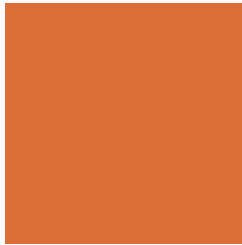
15.1063, 0.1927, 0.2138



1.1363, 0.1986, 0.2347

Previews

White Background



This preview shows how the Yxy color 26.7048, 0.5144, 0.3860 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 26.7048, 0.5144, 0.3860 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 26.7048, 0.5144, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 26.7048, 0.5144, 0.3860.



This preview shows how white text looks on a background with the Yxy color 26.7048, 0.5144, 0.3860.

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

26.7048, 0.5144, 0.3860

Protanopia

26.8843, 0.4075, 0.4471

Deuteranopia

26.8885, 0.4498, 0.4425



Tritanopia

26.8026, 0.4569, 0.3214

Trichromacy



Original Color

26.7048, 0.5144, 0.3860

Protanomaly

26.2728, 0.4475, 0.4232

Deuteranomaly

26.3672, 0.4744, 0.4198

Tritanomaly

26.6429, 0.4819, 0.3474

Monochromacy



Original Color

26.7048, 0.5144, 0.3860

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7154, 0.3851, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7048, 0.5144, 0.3860 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(219, 111, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 111, 55) }
```

Border

The CSS property to change the border of an element to Yxy 26.7048, 0.5144, 0.3860 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, 55) }
```

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

```
.border{ border-color:rgb(219, 111, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 111, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 111, 55);  
box-shadow:4px 4px 4px 4px rgb(219, 111,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7048, 0.5144, 0.3860 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, 55) }
```

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

```
.background{ background-color: rgb(219,  
111, 55) }
```

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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