

Converting Colors

$Yxy(28.5371, 0.5247, 0.3821)$

Have a look what the booklet for
Yxy(28.5371, 0.5247, 0.3821)
contains.

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Color

Yxy(28.6241, 0.5250, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	E76F36
RGB	231, 111, 54
RGB Percent	91%, 44%, 21%
CMY	0.0941, 0.5647, 0.7883
CMYK	0.00, 0.52, 0.77, 0.09
HSL	19°, 79%, 56%
HSV	19°, 77%, 91%
XYZ	39.3085, 28.6241, 6.9408
YIQ	140.3820, 89.8170, 7.7130

Conversions

Conversions Part 2

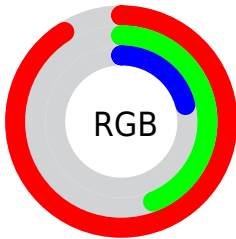
Format	Color
R _Y B	231, 138, 54
Decimal	15167286
CIE Lab	60.45, 43.00, 51.91
CIE LCh	60, 67.412, 50.363
Yxy	28.6241, 0.5250, 0.3823
Android (android.graphics.Color)	4293357366 (0xFFE76F36)
YUV	140.3820, -42.5863, 79.4720
Hunter-Lab	53.5015, 37.5196, 29.7593

Details

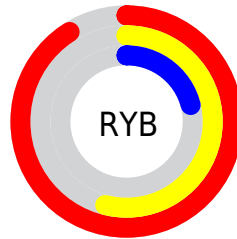
The Yxy color **28.6241, 0.5250, 0.3823** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **36.8260, 0.2086, 0.2472**, and the grayscale version is **26.5245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1697, 0.4541, 0.3904**, and **11.5629, 0.5825, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **25.3346, 0.5582, 0.3788**, and if you desaturate by 10%, it is **32.6189, 0.4889, 0.3811**.

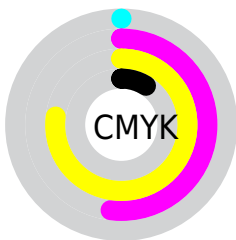
Distribution



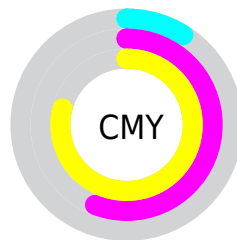
- Red (91%)
- Green (44%)
- Blue (21%)



- Red (91%)
- Yellow (54%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (77%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6241, 0.5250, 0.3823 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 28.6241, 0.5250, 0.3823 by changing the saturation by 10% instead.


 28.6241, 0.5250,
0.3823


 28.6241, 0.5250,
0.3823


295.4372, 0.4146,
0.3663

 18.7966, 0.5511,
0.3811


 57.4793, 0.4853,
0.3800


 11.5234, 0.5824,
0.3760


 77.2759, 0.4701,
0.3781

 6.4201, 0.6287,
0.3690


 101.1642, 0.4572,
0.3759

 3.1021, 0.6626,
0.3374

 129.5288, 0.4462,
0.3738

 1.1853, 0.7129,
0.2871

 162.7540, 0.4367,
0.3718

 0.0496, 0.9577,
0.0423

 201.2242, 0.4283,

 0.0000, 1.0000,

0.3698

0.0000

245.3238, 0.4210,
0.3680

■ 0.0000, 0.0000,
0.0000

■ 28.6241, 0.5250,
0.3823

■ 28.6241, 0.5250,
0.3823

■ 25.3346, 0.5582,
0.3788

■ 32.6189, 0.4889,
0.3811

■ 22.6981, 0.5852,
0.3705


■ 37.3562, 0.4531,
0.3762


■ 21.9425, 0.5931,
0.3673

■ 42.8758, 0.4198,
0.3690

■ 49.2128, 0.3901,
0.3605

■ 56.4003, 0.3642,
0.3516

 64.4693, 0.3422,
0.3427

 73.4492, 0.3235,
0.3343

 83.3680, 0.3077,
0.3264

 93.8004, 0.2981,
0.3259

Harmonies

Analogous

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



28.6241, 0.5006, 0.3112



28.6241, 0.5250, 0.3823



28.6241, 0.4814, 0.4578

Triad

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



28.6241, 0.5250, 0.3823



28.6241, 0.2088, 0.4318



28.6241, 0.2052, 0.1756

Complementary

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



28.6241, 0.5250, 0.3823



36.8260, 0.2086, 0.2472

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.



28.6241, 0.1539, 0.1798



28.6241, 0.5250, 0.3823



28.6241, 0.1529, 0.3047

Square

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



28.6241, 0.5250, 0.3823



28.6241, 0.2989, 0.5260



28.6241, 0.1366, 0.2187



28.6241, 0.2940, 0.1994

Rectangle

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



28.6241, 0.5250, 0.3823



28.6241, 0.4283, 0.5043



28.6241, 0.1366, 0.2187



28.6241, 0.1840, 0.1737

Sweetspot

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



28.6257, 0.5250, 0.3823



73.9841, 0.3561, 0.3485



22.7213, 0.3910, 0.2115



15.0795, 0.3645, 0.3517



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.



28.6257, 0.5250, 0.3823



29.6695, 0.5749, 0.3745



57.9014, 0.4362, 0.4682



15.1220, 0.3284, 0.3366



12.4989, 0.5902, 0.3696



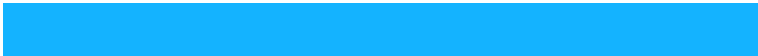
1.0871, 0.5617, 0.3922

Inverse Universe

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



36.8260, 0.2086, 0.2472



39.7918, 0.1977, 0.2276



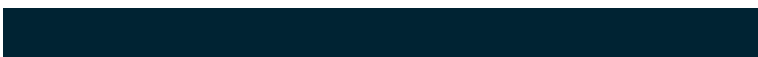
13.2798, 0.1759, 0.1210



15.5127, 0.2981, 0.3213



16.9122, 0.1946, 0.2205



1.4162, 0.1995, 0.2382

Previews

White Background



This preview shows how the Yxy color 28.6241, 0.5250, 0.3823 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 28.6241, 0.5250, 0.3823 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 28.6241, 0.5250, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 28.6241, 0.5250, 0.3823.



This preview shows how white text looks on a background with the Yxy color 28.6241, 0.5250, 0.3823.

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

28.6241, 0.5250, 0.3823

Protanopia

28.6093, 0.4097, 0.4491

Deuteranopia

28.7298, 0.4530, 0.4449



Tritanopia

28.7654, 0.4691, 0.3220

Trichromacy



Original Color

28.6241, 0.5250, 0.3823

Protanomaly

27.6661, 0.4540, 0.4229

Deuteranomaly

28.2016, 0.4804, 0.4204

Tritanomaly

28.5944, 0.4933, 0.3461

Monochromacy



Original Color

28.6241, 0.5250, 0.3823

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6889, 0.3895, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6241, 0.5250, 0.3823 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(231, 111, 54)` looks like.

```
.text, #text, p{  
    color:rgb(231, 111, 54)  
}
```

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(231, 111, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 111, 54) }
```

Border

The CSS property to change the border of an element to Yxy 28.6241, 0.5250, 0.3823 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(231, 111, 54) }
```

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

```
.border{ border-color:rgb(231, 111, 54) }
```

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

Here you see how a box with a 4 pixel rgb(231, 111, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 111, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 111, 54);  
box-shadow:4px 4px 4px 4px rgb(231, 111,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6241, 0.5250, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 111, 54) }
```

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

```
.background{ background-color: rgb(231,  
111, 54) }
```

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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