

Converting Colors

$Y_{xy}(27.3473, 0.5067, 0.3635)$

Have a look what the booklet for
Yxy(27.3473, 0.5067, 0.3635)
contains.

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Color

Yxy(27.3407, 0.5072, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	E36B4A
RGB	227, 107, 74
RGB Percent	89%, 42%, 29%
CMY	0.1098, 0.5803, 0.7098
CMYK	0.00, 0.53, 0.67, 0.11
HSL	13°, 73%, 59%
HSV	13°, 67%, 89%
XYZ	38.1701, 27.3407, 9.7457
YIQ	139.1180, 82.1130, 15.1770

Conversions

Conversions Part 2

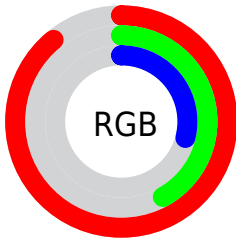
Format	Color
R_{YB}	227, 116, 74
Decimal	14904138
CIE _{Lab}	59.29, 44.37, 40.34
CIE _{LCh}	59, 59.971, 42.277
Yxy	27.3407, 0.5072, 0.3633
Android (android.graphics.Color)	4293094218 (0xFFE36B4A)
YUV	139.1180, -32.1032, 77.0725
Hunter-Lab	52.2883, 38.7992, 25.5511

Details

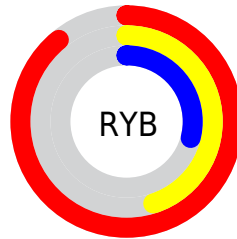
The Yxy color **27.3407, 0.5072, 0.3633** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45.5785, 0.2233, 0.2829**, and the grayscale version is **25.9711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2050, 0.4393, 0.3675**, and **10.9232, 0.5669, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **23.7512, 0.5478, 0.3627**, and if you desaturate by 10%, it is **31.8076, 0.4666, 0.3608**.

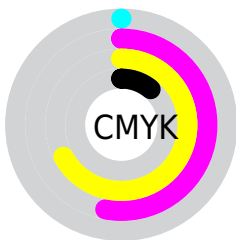
Distribution



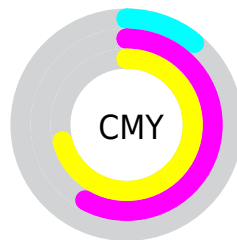
- Red (89%)
- Green (42%)
- Blue (29%)



- Red (89%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (67%)
- Black (11%)





- Cyan (11%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3407, 0.5072, 0.3633 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 27.3407, 0.5072, 0.3633 by changing the saturation by 10% instead.


 27.3407, 0.5072,
0.3633


 27.3407, 0.5072,
0.3633


289.3030, 0.4029,
0.3536


 17.8293, 0.5339,
0.3620


 55.4301, 0.4684,
0.3622


 10.8275, 0.5675,
0.3577


 74.7769, 0.4540,
0.3611

 5.9509, 0.6109,
0.3477

 98.1708, 0.4419,
0.3597

 2.8153, 0.6720,
0.3280

 125.9964, 0.4317,
0.3584

 1.0361, 0.7259,
0.2741

 158.6381, 0.4229,
0.3571

 0.0000, 1.0000,
0.0000

196.4801, 0.4153,

 0.0000, 0.0000,

0.3559

0.0000

239.9069, 0.4087,
0.3547

■ 27.3407, 0.5072,
0.3633

■ 27.3407, 0.5072,
0.3633

■ 23.7512, 0.5478,
0.3627

■ 31.8076, 0.4666,
0.3608

■ 20.9749, 0.5838,
0.3584

■ 37.2014, 0.4291,
0.3563

■ 18.9442, 0.6108,
0.3506


■ 43.5729, 0.3961,
0.3507


■ 18.5234, 0.6167,
0.3486


■ 50.9678, 0.3680,
0.3447

■ 59.4292, 0.3445,
0.3387

 68.9972, 0.3250,
0.3330

 79.7102, 0.3088,
0.3277

 91.5658, 0.2957,
0.3234

 95.0691, 0.2958,
0.3290

Harmonies

Analogous

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



27.3407, 0.4651, 0.2974



27.3407, 0.5072, 0.3633



27.3407, 0.4846, 0.4327

Triad

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



27.3407, 0.5072, 0.3633



27.3407, 0.2392, 0.4499



27.3407, 0.1977, 0.1853

Complementary

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



27.3407, 0.5072, 0.3633



45.5785, 0.2233, 0.2829

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.



27.3407, 0.1582, 0.1980



27.3407, 0.5072, 0.3633



27.3407, 0.1764, 0.3372

Square

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



27.3407, 0.5072, 0.3633



27.3407, 0.3275, 0.5132



27.3407, 0.1505, 0.2461



27.3407, 0.2712, 0.2007

Rectangle

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



27.3407, 0.5072, 0.3633



27.3407, 0.4428, 0.4763



27.3407, 0.1505, 0.2461



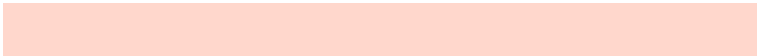
27.3407, 0.1809, 0.1862

Sweetspot

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



27.3422, 0.5072, 0.3633



74.2220, 0.3505, 0.3403



25.2316, 0.3549, 0.2029



15.2123, 0.3570, 0.3420



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.



27.3422, 0.5072, 0.3633



29.3080, 0.5635, 0.3614



49.9103, 0.4381, 0.4422



14.8695, 0.3287, 0.3341



10.9433, 0.6143, 0.3504



0.9432, 0.5865, 0.3725

Inverse Universe

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



45.5785, 0.2233, 0.2829



54.1690, 0.2128, 0.2716



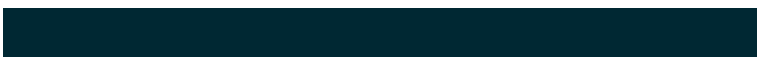
20.4116, 0.1963, 0.1713



15.7809, 0.2981, 0.3238



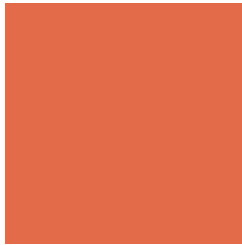
21.9876, 0.2051, 0.2582



1.7564, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 27.3407, 0.5072, 0.3633 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 27.3407, 0.5072, 0.3633 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 27.3407, 0.5072, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 27.3407, 0.5072, 0.3633.



This preview shows how white text looks on a background with the Yxy color 27.3407, 0.5072, 0.3633.

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

27.3407, 0.5072, 0.3633

Protanopia

27.5011, 0.3860, 0.4171

Deuteranopia

27.3728, 0.4329, 0.4235



Tritanopia

27.2649, 0.4701, 0.3218

Trichromacy



Original Color

27.3407, 0.5072, 0.3633

Protanomaly

26.5195, 0.4304, 0.3964

Deuteranomaly

26.7115, 0.4620, 0.3988

Tritanomaly

27.2391, 0.4848, 0.3381

Monochromacy



Original Color

27.3407, 0.5072, 0.3633

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0745, 0.3808, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3407, 0.5072, 0.3633 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(227, 107, 74)` looks like.

```
.text, #text, p{  
    color:rgb(227, 107, 74)  
}
```

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(227, 107, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 107, 74) }
```

Border

The CSS property to change the border of an element to Yxy 27.3407, 0.5072, 0.3633 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(227, 107, 74) }
```

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

```
.border{ border-color:rgb(227, 107, 74) }
```

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

Here you see how a box with a 4 pixel rgb(227, 107, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 107, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 107, 74);  
box-shadow:4px 4px 4px 4px rgb(227, 107,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3407, 0.5072, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 107, 74) }
```

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

```
.background{ background-color: rgb(227,  
107, 74) }
```

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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