

Converting Colors

Yxy(31.4911, 0.5027, 0.3748)

Have a look what the booklet for
Yxy(31.4911, 0.5027, 0.3748)
contains.

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Color

Yxy(31.3502, 0.5026, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	EB774A
RGB	235, 119, 74
RGB Percent	92%, 47%, 29%
CMY	0.0784, 0.5333, 0.7098
CMYK	0.00, 0.49, 0.69, 0.08
HSL	17°, 80%, 61%
HSV	17°, 69%, 92%
XYZ	42.0962, 31.3502, 10.3105
YIQ	148.5540, 83.5810, 10.5970

Conversions

Conversions Part 2

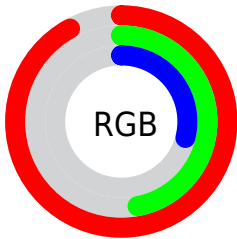
Format	Color
R _Y B	235, 136, 74
Decimal	15431498
CIE Lab	62.80, 41.46, 44.71
CIE LCh	63, 60.975, 47.155
Yxy	31.3502, 0.5026, 0.3743
Android (android.graphics.Color)	4293621578 (0xFFEB774A)
YUV	148.5540, -36.7551, 75.8131
Hunter-Lab	55.9912, 36.2179, 28.2760

Details

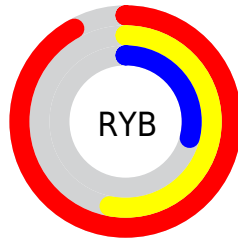
The Yxy color **31.3502, 0.5026, 0.3743** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **44.2847, 0.2186, 0.2672**, and the grayscale version is **29.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6024, 0.4319, 0.3798**, and **12.9731, 0.5573, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **27.4145, 0.5404, 0.3740**, and if you desaturate by 10%, it is **36.1256, 0.4645, 0.3710**.

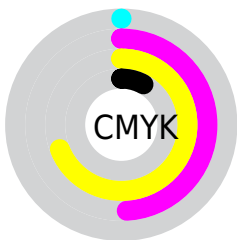
Distribution



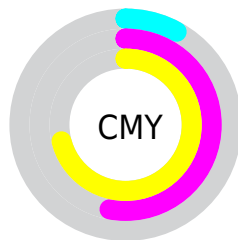
- Red (92%)
- Green (47%)
- Blue (29%)



- Red (92%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (69%)
- Black (8%)





- Cyan (8%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3502, 0.5026, 0.3743 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 31.3502, 0.5026, 0.3743 by changing the saturation by 10% instead.

 31.3502, 0.5026,
0.3743


 31.3502, 0.5026,
0.3743


308.1485, 0.4034,
0.3594


 20.8657, 0.5270,
0.3744


 61.7910, 0.4664,
0.3714

 13.0258, 0.5571,
0.3721


 82.5161, 0.4528,
0.3695

 7.4463, 0.5947,
0.3647


 107.4234, 0.4413,
0.3675

 3.7428, 0.6488,
0.3512

 136.8975, 0.4314,
0.3657

 1.5307, 0.6929,
0.3071

 171.3226, 0.4229,
0.3640

 0.3102, 0.8184,
0.1816

211.0832, 0.4156,

 0.0000, 1.0000,

0.3623

0.0000

256.5637, 0.4091,
0.3608

■ 0.0000, 0.0000,
0.0000

■ 31.3502, 0.5026,
0.3743

■ 31.3502, 0.5026,
0.3743

■ 27.4145, 0.5404,
0.3740

■ 36.1256, 0.4645,
0.3710

■ 24.2612, 0.5740,
0.3692

■ 41.7827, 0.4289,
0.3651


■ 21.8303, 0.6001,
0.3603


■ 48.3665, 0.3972,
0.3579


■ 21.5234, 0.6036,
0.3589


■ 55.9174, 0.3697,
0.3502

■ 64.4732, 0.3465,
0.3424

 74.0698, 0.3269,
0.3350

 84.7411, 0.3105,
0.3280

 96.0601, 0.3005,
0.3284

 96.4038, 0.3005,
0.3290

Harmonies

Analogous

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



31.3502, 0.4718, 0.3087



31.3502, 0.5026, 0.3743



31.3502, 0.4724, 0.4420

Triad

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



31.3502, 0.5026, 0.3743



31.3502, 0.2292, 0.4296



31.3502, 0.2099, 0.1892

Complementary

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



31.3502, 0.5026, 0.3743



44.2847, 0.2186, 0.2672

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.



31.3502, 0.1657, 0.1970



31.3502, 0.5026, 0.3743



31.3502, 0.1731, 0.3204

Square

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



31.3502, 0.5026, 0.3743



31.3502, 0.3131, 0.5031



31.3502, 0.1532, 0.2381



31.3502, 0.2871, 0.2084

Rectangle

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



31.3502, 0.5026, 0.3743



31.3502, 0.4282, 0.4822



31.3502, 0.1532, 0.2381



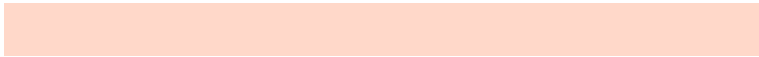
31.3502, 0.1915, 0.1886

Sweetspot

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



31.3519, 0.5026, 0.3743



74.8239, 0.3521, 0.3444



26.3701, 0.3694, 0.2107



15.3966, 0.3584, 0.3465



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.



31.3519, 0.5026, 0.3743



31.4262, 0.5540, 0.3727



58.2909, 0.4319, 0.4531



15.7394, 0.3286, 0.3357



12.1629, 0.6008, 0.3611



1.1126, 0.5736, 0.3827

Inverse Universe

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



44.2847, 0.2186, 0.2672



47.5303, 0.2073, 0.2524



18.9476, 0.1908, 0.1534



16.3688, 0.2981, 0.3223



19.4228, 0.1988, 0.2356



1.6859, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 31.3502, 0.5026, 0.3743 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.3502, 0.5026, 0.3743 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 ✓ Pass

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

Yxy 31.3502, 0.5026, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 31.3502, 0.5026, 0.3743.



This preview shows how white text looks on a background with the Yxy color 31.3502, 0.5026, 0.3743.

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

31.3502, 0.5026, 0.3743

Protanopia

31.3278, 0.3932, 0.4277

Deuteranopia

31.4870, 0.4375, 0.4284



Tritanopia

31.3679, 0.4563, 0.3208

Trichromacy



Original Color

31.3502, 0.5026, 0.3743

Protanomaly

30.5567, 0.4340, 0.4068

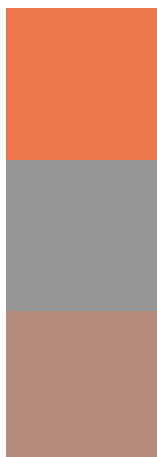
Deuteranomaly

31.1723, 0.4624, 0.4076

Tritanomaly

31.2655, 0.4752, 0.3411

Monochromacy



Original Color

31.3502, 0.5026, 0.3743

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2854, 0.3781, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3502, 0.5026, 0.3743 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(235, 119, 74)` looks like.

```
.text, #text, p{  
    color:rgb(235, 119, 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(235, 119, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 119, 74) }
```

Border

The CSS property to change the border of an element to Yxy 31.3502, 0.5026, 0.3743 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(235, 119, 74) }
```

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

```
.border{ border-color:rgb(235, 119, 74) }
```

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

Here you see how a box with a 4 pixel rgb(235, 119, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 119, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 119, 74);  
box-shadow:4px 4px 4px 4px rgb(235, 119,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3502, 0.5026, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 119, 74) }
```

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

```
.background{ background-color: rgb(235,  
119, 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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