

Converting Colors

$Y_{xy}(27.5530, 0.4806, 0.3437)$

Have a look what the booklet for
Yxy(27.5530, 0.4806, 0.3437)
contains.

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Color

Yxy(27.5589, 0.4801, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	E16C5F
RGB	225, 108, 95
RGB Percent	88%, 42%, 37%
CMY	0.1176, 0.5765, 0.6275
CMYK	0.00, 0.52, 0.58, 0.12
HSL	6°, 68%, 63%
HSV	6°, 58%, 88%
XYZ	38.4847, 27.5589, 14.1161
YIQ	141.5010, 73.9050, 20.7610

Conversions

Conversions Part 2

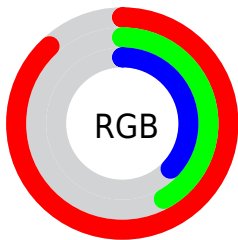
Format	Color
R _Y B	225, 109, 95
Decimal	14773343
CIE Lab	59.49, 44.52, 28.93
CIE LCh	59, 53.095, 33.014
Yxy	27.5589, 0.4801, 0.3438
Android (android.graphics.Color)	4292963423 (0xFFE16C5F)
YUV	141.5010, -22.9250, 73.2286
Hunter-Lab	52.4966, 38.9874, 20.8048

Details

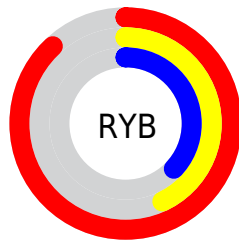
The Yxy color **27.5589, 0.4801, 0.3438** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **54.9712, 0.2372, 0.3115**, and the grayscale version is **26.9128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1760, 0.4177, 0.3461**, and **10.9451, 0.5383, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **23.4218, 0.5253, 0.3445**, and if you desaturate by 10%, it is **32.8092, 0.4382, 0.3419**.

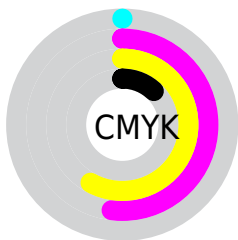
Distribution



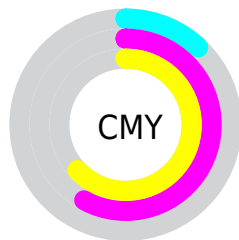
- Red (88%)
- Green (42%)
- Blue (37%)



- Red (88%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (58%)
- Black (12%)





- Cyan (12%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5589, 0.4801, 0.3438 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 27.5589, 0.4801, 0.3438 by changing the saturation by 10% instead.


 27.5589, 0.4801,
0.3438


 27.5589, 0.4801,
0.3438


290.3531, 0.3890,
0.3413


 17.9934, 0.5046,
0.3421


 55.7794, 0.4455,
0.3444


 10.9453, 0.5366,
0.3383


 75.2033, 0.4329,
0.3442

 6.0300, 0.5796,
0.3300


 98.6820, 0.4225,
0.3438

 2.8634, 0.6474,
0.3165

 126.6001, 0.4137,
0.3433

 1.0608, 0.7251,
0.2749

159.3418, 0.4062,
0.3428

 0.0000, 1.0000,
0.0000

197.2916, 0.3997,

 0.0000, 0.0000,

0.3423

0.0000

240.8339, 0.3940,
0.3418

■ 27.5589, 0.4801,
0.3438

■ 27.5589, 0.4801,
0.3438

■ 23.4218, 0.5253,
0.3445

■ 32.8092, 0.4382,
0.3419

■ 20.3134, 0.5693,
0.3434

■ 39.2407, 0.4018,
0.3393

■ 18.1441, 0.6058,
0.3404

■ 46.9209, 0.3713,
0.3365

■ 16.8049, 0.6294,
0.3360

■ 55.9110, 0.3462,
0.3337

■ 16.6039, 0.6333,
0.3354

■ 66.2683, 0.3259,
0.3310

■ 78.0465, 0.3093,
0.3285

■ 91.2967, 0.2959,
0.3262

■ 94.7512, 0.2946,
0.3289

Harmonies

Analogous

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



27.5589, 0.4253, 0.2845



27.5589, 0.4801, 0.3438



27.5589, 0.4790, 0.4068

Triad

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



27.5589, 0.4801, 0.3438



27.5589, 0.2718, 0.4582



27.5589, 0.1946, 0.1996

Complementary

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



27.5589, 0.4801, 0.3438



54.9712, 0.2372, 0.3115

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.



27.5589, 0.1671, 0.2215



27.5589, 0.4801, 0.3438



27.5589, 0.2051, 0.3679

Square

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



27.5589, 0.4801, 0.3438



27.5589, 0.3543, 0.4929



27.5589, 0.1698, 0.2778



27.5589, 0.2525, 0.2058

Rectangle

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



27.5589, 0.4801, 0.3438



27.5589, 0.4506, 0.4469



27.5589, 0.1698, 0.2778



27.5589, 0.1821, 0.2035

Sweetspot

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



27.5604, 0.4801, 0.3438



75.0985, 0.3447, 0.3335



29.0594, 0.3303, 0.2029



15.5212, 0.3493, 0.3341



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.



27.5604, 0.4801, 0.3438



30.3072, 0.5330, 0.3445



45.9046, 0.4304, 0.4145



13.9197, 0.3290, 0.3314



9.6435, 0.6318, 0.3366



0.7445, 0.6119, 0.3524

Inverse Universe

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



54.9712, 0.2372, 0.3115



69.6939, 0.2280, 0.3074



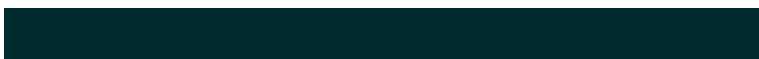
29.4199, 0.2172, 0.2197



15.3259, 0.2982, 0.3266



27.7113, 0.2160, 0.2974



1.9894, 0.2174, 0.3027

Previews

White Background



This preview shows how the Yxy color 27.5589, 0.4801, 0.3438 looks on a white background.

Color Contrast Check

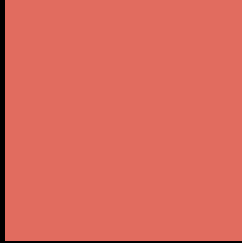
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5589, 0.4801, 0.3438 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 27.5589, 0.4801, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 27.5589, 0.4801, 0.3438.



This preview shows how white text looks on a background with the Yxy color 27.5589, 0.4801, 0.3438.

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

27.5589, 0.4801, 0.3438

Protanopia

27.9423, 0.3586, 0.3837

Deuteranopia

27.6282, 0.4071, 0.3981



Tritanopia

27.4642, 0.4597, 0.3204

Trichromacy



Original Color

27.5589, 0.4801, 0.3438

Protanomaly

26.9558, 0.4014, 0.3670

Deuteranomaly

27.0319, 0.4353, 0.3749

Tritanomaly

27.5174, 0.4684, 0.3295

Monochromacy



Original Color

27.5589, 0.4801, 0.3438

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2166, 0.3686, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5589, 0.4801, 0.3438 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(225, 108, 95)` looks like.

```
.text, #text, p{  
  color:rgb(225, 108, 95)  
}
```

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(225, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 108, 95) }
```

Border

The CSS property to change the border of an element to Yxy 27.5589, 0.4801, 0.3438 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(225, 108, 95) }
```

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

```
.border{ border-color:rgb(225, 108, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 108, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(225, 108,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5589, 0.4801, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 108, 95) }
```

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

```
.background{ background-color: rgb(225,  
108, 95) }
```

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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