

Converting Colors

$Y_{xy}(30.3883, 0.4830, 0.3538)$

Have a look what the booklet for
Yxy(30.3883, 0.4830, 0.3538)
contains.

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Color

Yxy(30.4369, 0.4827, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	E8745D
RGB	232, 116, 93
RGB Percent	91%, 45%, 36%
CMY	0.0901, 0.5451, 0.6353
CMYK	0.00, 0.50, 0.60, 0.09
HSL	10°, 75%, 64%
HSV	10°, 60%, 91%
XYZ	41.5025, 30.4369, 14.0405
YIQ	148.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

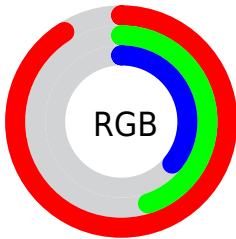
Format	Color
R _Y B	232, 121, 93
Decimal	15234141
CIE Lab	62.03, 42.99, 33.49
CIE LCh	62, 54.499, 37.917
Yxy	30.4369, 0.4827, 0.3540
Android (android.graphics.Color)	4293424221 (0xFFE8745D)
YUV	148.0620, -27.1456, 73.6136
Hunter-Lab	55.1696, 37.7335, 23.5296

Details

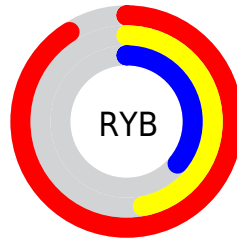
The Yxy color **30.4369, 0.4827, 0.3540** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **53.7553, 0.2325, 0.2984**, and the grayscale version is **29.7332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0231, 0.4157, 0.3566**, and **12.5220, 0.5366, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **26.0800, 0.5258, 0.3550**, and if you desaturate by 10%, it is **35.8518, 0.4422, 0.3510**.

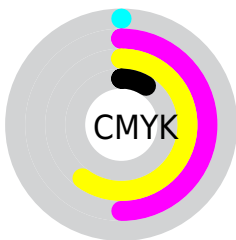
Distribution



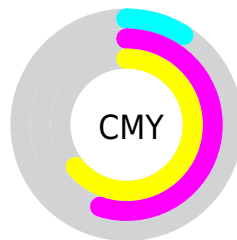
- Red (91%)
- Green (45%)
- Blue (36%)



- Red (91%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4369, 0.4827, 0.3540 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 30.4369, 0.4827, 0.3540 by changing the saturation by 10% instead.


 30.4369, 0.4827,
0.3540

 30.4369, 0.4827,
0.3540


303.9357, 0.3919,
0.3468

 20.1704, 0.5063,
0.3534

 60.3524, 0.4488,
0.3530


 12.5190, 0.5367,
0.3508


 80.7703, 0.4363,
0.3522

 7.0982, 0.5765,
0.3443


 105.3407, 0.4258,
0.3512

 3.5236, 0.6371,
0.3332

 134.4482, 0.4169,
0.3503

 1.4108, 0.7032,
0.2968

168.4770, 0.4093,
0.3493

 0.2247, 0.8562,
0.1438

207.8116, 0.4028,

 0.0000, 1.0000,

0.3485

0.0000

252.8363, 0.3970,
0.3476

0.0000, 0.0000,
0.0000

30.4369, 0.4827,
0.3540

30.4369, 0.4827,
0.3540

26.0800, 0.5258,
0.3550

35.8518, 0.4422,
0.3510

22.7063, 0.5673,
0.3533

42.3834, 0.4064,
0.3469

20.2389, 0.6017,
0.3484

50.0915, 0.3759,
0.3423

18.5802, 0.6252,
0.3417

59.0305, 0.3506,
0.3377

18.5699, 0.6253,
0.3417

69.2513, 0.3297,
0.3332

■ 80.8017, 0.3126,
0.3290

■ 93.7018, 0.2987,
0.3255

■ 95.8979, 0.2988,
0.3290

Harmonies

Analogous

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



30.4369, 0.4366, 0.2939



30.4369, 0.4827, 0.3540



30.4369, 0.4728, 0.4166

Triad

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



30.4369, 0.4827, 0.3540



30.4369, 0.2597, 0.4451



30.4369, 0.2027, 0.1996

Complementary

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



30.4369, 0.4827, 0.3540



53.7553, 0.2325, 0.2984

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.



30.4369, 0.1704, 0.2164



30.4369, 0.4827, 0.3540



30.4369, 0.1977, 0.3516

Square

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



30.4369, 0.4827, 0.3540



30.4369, 0.3407, 0.4910



30.4369, 0.1681, 0.2665



30.4369, 0.2652, 0.2098

Rectangle

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



30.4369, 0.4827, 0.3540



30.4369, 0.4403, 0.4552



30.4369, 0.1681, 0.2665



30.4369, 0.1885, 0.2019

Sweetspot

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



30.4385, 0.4827, 0.3540



75.3381, 0.3465, 0.3368



29.6957, 0.3412, 0.2069



15.3793, 0.3531, 0.3382



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.



30.4385, 0.4827, 0.3540



31.1813, 0.5363, 0.3549



51.9612, 0.4289, 0.4264



14.7514, 0.3288, 0.3330



10.4299, 0.6232, 0.3434



0.8871, 0.5975, 0.3638

Inverse Universe

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



53.7553, 0.2325, 0.2984



62.2154, 0.2221, 0.2910



27.3946, 0.2107, 0.2011



15.9089, 0.2981, 0.3250



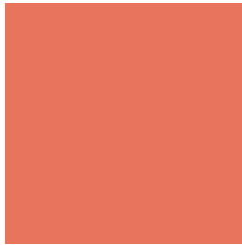
24.7154, 0.2099, 0.2755



1.9349, 0.2123, 0.2841

Previews

White Background



This preview shows how the Yxy color 30.4369, 0.4827, 0.3540 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 30.4369, 0.4827, 0.3540 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 30.4369, 0.4827, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 30.4369, 0.4827, 0.3540.



This preview shows how white text looks on a background with the Yxy color 30.4369, 0.4827, 0.3540.

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

30.4369, 0.4827, 0.3540

Protanopia

30.5556, 0.3681, 0.3952

Deuteranopia

30.4168, 0.4149, 0.4056



Tritanopia

30.4368, 0.4542, 0.3206

Trichromacy



Original Color

30.4369, 0.4827, 0.3540

Protanomaly

29.7011, 0.4084, 0.3793

Deuteranomaly

29.9308, 0.4406, 0.3843

Tritanomaly

30.2597, 0.4654, 0.3327

Monochromacy



Original Color

30.4369, 0.4827, 0.3540

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7505, 0.3709, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4369, 0.4827, 0.3540 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(232, 116, 93)` looks like.

```
.text, #text, p{  
    color:rgb(232, 116, 93)  
}
```

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(232, 116, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 116, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.4369, 0.4827, 0.3540 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(232, 116, 93) }
```

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

```
.border{ border-color:rgb(232, 116, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 116, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(232, 116,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4369, 0.4827, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 116, 93) }
```

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

```
.background{ background-color: rgb(232,  
116, 93) }
```

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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