

Converting Colors

Yxy(31.7028, 0.4769, 0.3449)

Have a look what the booklet for
Yxy(31.7028, 0.4769, 0.3449)
contains.

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Color

Yxy(31.8590, 0.4770, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	EE7566
RGB	238, 117, 102
RGB Percent	93%, 46%, 40%
CMY	0.0666, 0.5412, 0.5998
CMYK	0.00, 0.51, 0.57, 0.07
HSL	7°, 80%, 67%
HSV	7°, 57%, 93%
XYZ	44.0230, 31.8590, 16.4094
YIQ	151.4690, 76.9310, 20.9870

Conversions

Conversions Part 2

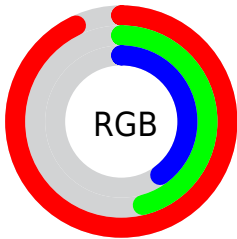
Format	Color
R _Y B	238, 119, 102
Decimal	15627622
CIE Lab	63.23, 45.36, 30.16
CIE LCh	63, 54.478, 33.621
Yxy	31.8590, 0.4770, 0.3452
Android (android.graphics.Color)	4293817702 (0xFFEE7566)
YUV	151.4690, -24.3882, 75.8877
Hunter-Lab	56.4438, 40.4435, 22.2738

Details

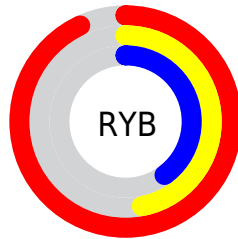
The Yxy color **31.8590, 0.4770, 0.3452** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.8020, 0.2372, 0.3099**, and the grayscale version is **31.2427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0650, 0.4064, 0.3493**, and **13.2897, 0.5291, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **27.0641, 0.5219, 0.3461**, and if you desaturate by 10%, it is **37.9095, 0.4356, 0.3431**.

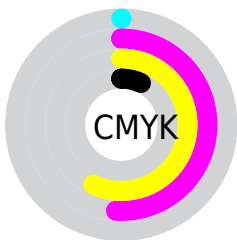
Distribution



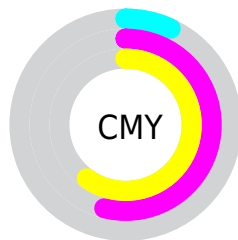
- Red (93%)
- Green (46%)
- Blue (40%)



- Red (93%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (7%)




- Cyan (7%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8590, 0.4770, 0.3452 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 31.8590, 0.4770, 0.3452 by changing the saturation by 10% instead.

 31.8590, 0.4770,
0.3452


 31.8590, 0.4770,
0.3452

310.4765, 0.3896,
0.3420

 21.2538, 0.4998,
0.3439


 62.5900, 0.4443,
0.3455

 13.3097, 0.5293,
0.3409


 83.4846, 0.4323,
0.3451

 7.6421, 0.5682,
0.3343


 108.5778, 0.4222,
0.3447

 3.8668, 0.6220,
0.3207

 138.2539, 0.4137,
0.3441

 1.5993, 0.7051,
0.2949

172.8975, 0.4064,
0.3436

 0.3572, 0.8178,
0.1822

212.8928, 0.4000,

 0.0000, 1.0000,

0.3430

0.0000

258.6244, 0.3945,
0.3425

0.0000, 0.0000,
0.0000

31.8590, 0.4770,
0.3452

31.8590, 0.4770,
0.3452

27.0641, 0.5219,
0.3461

37.9095, 0.4356,
0.3431

23.4315, 0.5660,
0.3451

45.2901, 0.3996,
0.3402

20.8630, 0.6031,
0.3419


54.0757, 0.3695,
0.3371


19.2410, 0.6275,
0.3370

64.3340, 0.3448,
0.3340

18.9255, 0.6326,
0.3359

76.1282, 0.3247,
0.3310

 89.5181, 0.3084,
0.3282

 96.9185, 0.3023,
0.3290

Harmonies

Analogous

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



31.8590, 0.4243, 0.2866



31.8590, 0.4770, 0.3452



31.8590, 0.4752, 0.4071

Triad

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



31.8590, 0.4770, 0.3452



31.8590, 0.2714, 0.4535



31.8590, 0.1977, 0.2018

Complementary

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



31.8590, 0.4770, 0.3452



61.8020, 0.2372, 0.3099

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.



31.8590, 0.1700, 0.2230



31.8590, 0.4770, 0.3452



31.8590, 0.2063, 0.3652

Square

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



31.8590, 0.4770, 0.3452



31.8590, 0.3522, 0.4891



31.8590, 0.1721, 0.2777



31.8590, 0.2553, 0.2084

Rectangle

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



31.8590, 0.4770, 0.3452



31.8590, 0.4470, 0.4461



31.8590, 0.1721, 0.2777



31.8590, 0.1852, 0.2055

Sweetspot

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



31.8607, 0.4770, 0.3452



75.3227, 0.3447, 0.3339



33.0931, 0.3325, 0.2055



15.5734, 0.3492, 0.3346



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.



31.8607, 0.4770, 0.3452



30.6371, 0.5315, 0.3460



53.2620, 0.4277, 0.4162



16.0387, 0.3291, 0.3317



10.6484, 0.6310, 0.3372



0.9776, 0.6128, 0.3517

Inverse Universe

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



61.8020, 0.2372, 0.3099



68.6696, 0.2274, 0.3052



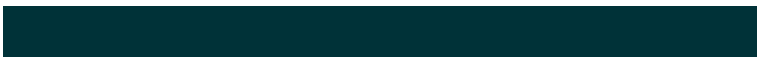
32.9209, 0.2173, 0.2176



17.6145, 0.2981, 0.3263



29.7809, 0.2150, 0.2940



2.5616, 0.2164, 0.2990

Previews

White Background



This preview shows how the Yxy color 31.8590, 0.4770, 0.3452 looks on a white background.

Color Contrast Check

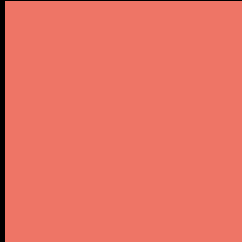
Large Text (above 18pt) WCAG AA × Fail

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 31.8590, 0.4770, 0.3452 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 31.8590, 0.4770, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 31.8590, 0.4770, 0.3452.



This preview shows how white text looks on a background with the Yxy color 31.8590, 0.4770, 0.3452.

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

31.8590, 0.4770, 0.3452

Protanopia

31.9593, 0.3591, 0.3837

Deuteranopia

32.0448, 0.4054, 0.3985



Tritanopia

31.7905, 0.4554, 0.3208

Trichromacy



Original Color

31.8590, 0.4770, 0.3452

Protanomaly

31.0024, 0.4007, 0.3677

Deuteranomaly

31.3465, 0.4319, 0.3765

Tritanomaly

31.8500, 0.4636, 0.3294

Monochromacy



Original Color

31.8590, 0.4770, 0.3452

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2260, 0.3686, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8590, 0.4770, 0.3452 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(238, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(238, 117, 102)  
}
```

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(238, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 117, 102) }
```

Border

The CSS property to change the border of an element to Yxy 31.8590, 0.4770, 0.3452 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(238, 117, 102) }
```

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

```
.border{ border-color:rgb(238, 117, 102) }
```

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

Here you see how a box with a 4 pixel rgb(238, 117, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(238, 117,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8590, 0.4770, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 117, 102) }
```

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

```
.background{ background-color: rgb(238,  
117, 102) }
```

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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