

Converting Colors

$Y_{xy}(31.7948, 0.4865, 0.3520)$

Have a look what the booklet for
Yxy(31.7948, 0.4865, 0.3520)
contains.

Yxy(31.8995, 0.4860, 0.3521)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.8995, 0.4860, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	EF755F
RGB	239, 117, 95
RGB Percent	94%, 46%, 37%
CMY	0.0626, 0.5412, 0.6274
CMYK	0.00, 0.51, 0.60, 0.06
HSL	9°, 82%, 65%
HSV	9°, 60%, 94%
XYZ	44.0306, 31.8995, 14.6678
YIQ	150.9700, 79.7740, 19.0220

Conversions

Conversions Part 2

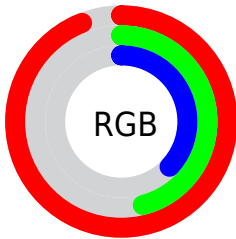
Format	Color
R _Y B	239, 121, 95
Decimal	15693151
CIE Lab	63.26, 45.24, 34.13
CIE LCh	63, 56.672, 37.030
Yxy	31.8995, 0.4860, 0.3521
Android (android.graphics.Color)	4293883231 (0xFFEF755F)
YUV	150.9700, -27.5932, 77.2023
Hunter-Lab	56.4796, 40.3161, 24.1381

Details

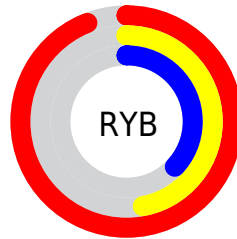
The Yxy color **31.8995, 0.4860, 0.3521** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **58.3237, 0.2326, 0.3006**, and the grayscale version is **31.0289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4611, 0.4133, 0.3555**, and **13.3452, 0.5404, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **27.3112, 0.5297, 0.3529**, and if you desaturate by 10%, it is **37.6458, 0.4447, 0.3495**.

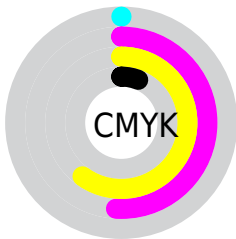
Distribution



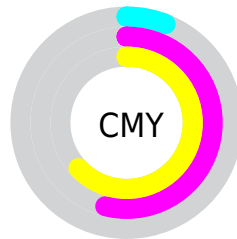
- Red (94%)
- Green (46%)
- Blue (37%)



- Red (94%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8995, 0.4860, 0.3521 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 31.8995, 0.4860, 0.3521 by changing the saturation by 10% instead.


 31.8995, 0.4860,
0.3521


 31.8995, 0.4860,
0.3521


310.6612, 0.3942,
0.3462

 21.2847, 0.5096,
0.3511


 62.6535, 0.4519,
0.3517

 13.3323, 0.5398,
0.3482


 83.5615, 0.4392,
0.3510

 7.6578, 0.5791,
0.3413


 108.6695, 0.4287,
0.3502

 3.8768, 0.6359,
0.3287

 138.3617, 0.4197,
0.3493

 1.6049, 0.7045,
0.2955

173.0226, 0.4119,
0.3485

 0.3609, 0.8164,
0.1836

213.0365, 0.4052,

 0.0000, 1.0000,

0.3477

0.0000

258.7879, 0.3994,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 31.8995, 0.4860,
0.3521

■ 31.8995, 0.4860,
0.3521

■ 27.3112, 0.5297,
0.3529

■ 37.6458, 0.4447,
0.3495

■ 23.7965, 0.5714,
0.3510

■ 44.6164, 0.4083,
0.3457

■ 21.2677, 0.6054,
0.3462


■ 52.8790, 0.3773,
0.3415

■ 19.6448, 0.6274,
0.3400

■ 62.4945, 0.3516,
0.3371

■ 73.5201, 0.3304,
0.3330

 86.0095, 0.3131,
0.3291

 97.0951, 0.3030,
0.3290

Harmonies

Analogous

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



31.8995, 0.4374, 0.2913



31.8995, 0.4860, 0.3521



31.8995, 0.4771, 0.4159

Triad

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



31.8995, 0.4860, 0.3521



31.8995, 0.2605, 0.4506



31.8995, 0.1990, 0.1972

Complementary

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



31.8995, 0.4860, 0.3521



58.3237, 0.2326, 0.3006

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.



31.8995, 0.1672, 0.2150



31.8995, 0.4860, 0.3521



31.8995, 0.1967, 0.3550

Square

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



31.8995, 0.4860, 0.3521



31.8995, 0.3433, 0.4953



31.8995, 0.1657, 0.2670



31.8995, 0.2617, 0.2069

Rectangle

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



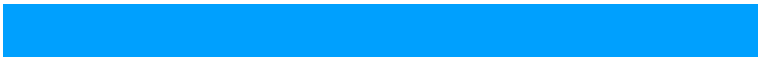
31.8995, 0.4860, 0.3521



31.8995, 0.4445, 0.4558



31.8995, 0.1657, 0.2670



31.8995, 0.1850, 0.1998

Sweetspot

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



31.9012, 0.4860, 0.3521



75.0321, 0.3466, 0.3362



31.5752, 0.3414, 0.2062



15.3061, 0.3533, 0.3375



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.



31.9012, 0.4860, 0.3521



30.7208, 0.5384, 0.3527



55.4151, 0.4298, 0.4270



16.1479, 0.3290, 0.3327



10.9718, 0.6254, 0.3416



1.0294, 0.6033, 0.3591

Inverse Universe

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



58.3237, 0.2326, 0.3006



63.5098, 0.2229, 0.2940



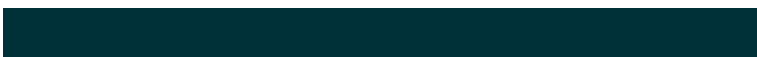
29.0476, 0.2100, 0.2000



17.4941, 0.2981, 0.3253



27.0849, 0.2111, 0.2798



2.3632, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 31.8995, 0.4860, 0.3521 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 31.8995, 0.4860, 0.3521 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 31.8995, 0.4860, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 31.8995, 0.4860, 0.3521.



This preview shows how white text looks on a background with the Yxy color 31.8995, 0.4860, 0.3521.

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

31.8995, 0.4860, 0.3521

Protanopia

31.9076, 0.3671, 0.3940

Deuteranopia

32.1535, 0.4153, 0.4080



Tritanopia

31.8915, 0.4592, 0.3210

Trichromacy



Original Color

31.8995, 0.4860, 0.3521

Protanomaly

30.9826, 0.4095, 0.3768

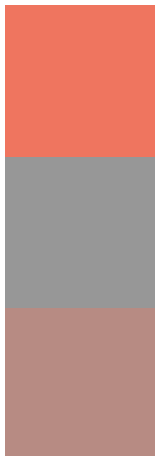
Deuteranomaly

31.4855, 0.4424, 0.3854

Tritanomaly

31.7297, 0.4690, 0.3316

Monochromacy



Original Color

31.8995, 0.4860, 0.3521

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.1712, 0.3709, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8995, 0.4860, 0.3521 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(239, 117, 95)` looks like.

```
.text, #text, p{  
    color:rgb(239, 117, 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(239, 117, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 117, 95) }
```

Border

The CSS property to change the border of an element to Yxy 31.8995, 0.4860, 0.3521 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(239, 117, 95) }
```

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

```
.border{ border-color:rgb(239, 117, 95) }
```

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

Here you see how a box with a 4 pixel rgb(239, 117, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 117, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 117, 95);  
box-shadow:4px 4px 4px 4px rgb(239, 117,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8995, 0.4860, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 117, 95) }
```

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

```
.background{ background-color: rgb(239,  
117, 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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