

Converting Colors

$Y_{xy}(35.2792, 0.4872, 0.3522)$

Have a look what the booklet for
Yxy(35.2792, 0.4872, 0.3522)
contains.

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Color

Yxy(35.1439, 0.4873, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	FA7A63
RGB	250, 122, 99
RGB Percent	98%, 48%, 39%
CMY	0.0196, 0.5216, 0.6117
CMYK	0.00, 0.51, 0.60, 0.02
HSL	9°, 94%, 68%
HSV	9°, 60%, 98%
XYZ	48.6385, 35.1439, 16.0299
YIQ	157.6500, 83.6710, 19.9830

Conversions

Conversions Part 2

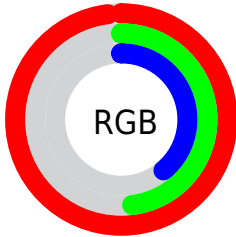
Format	Color
RYB	250, 126, 99
Decimal	16415331
CIELab	65.86, 47.08, 35.53
CIElCh	66, 58.987, 37.042
Yxy	35.1439, 0.4873, 0.3521
Android (android.graphics.Color)	4294605411 (0xFFFA7A63)
YUV	157.6500, -28.9144, 80.9910
Hunter-Lab	59.2823, 42.7074, 25.4657

Details

The Yxy color **35.1439, 0.4873, 0.3521** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64.5097, 0.2324, 0.3005**, and the grayscale version is **34.1319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9063, 0.4069, 0.3576**, and **15.1955, 0.5384, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **30.0895, 0.5311, 0.3528**, and if you desaturate by 10%, it is **41.4851, 0.4458, 0.3495**.

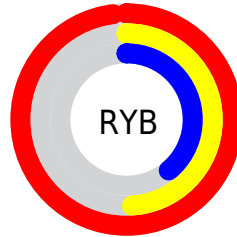
Distribution



Red (98%)

Green (48%)

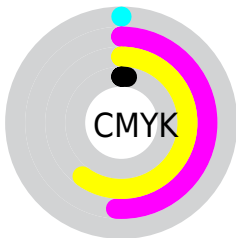
Blue (39%)



Red (98%)

Yellow (49%)

Blue (39%)

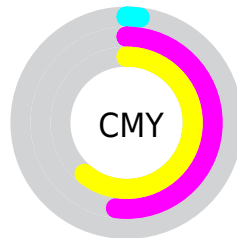


Cyan (0%)

Magenta (51%)

Yellow (60%)

Black (2%)



Cyan (2%)

Magenta (52%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1439, 0.4873, 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 35.1439, 0.4873, 0.3521 by changing the saturation by 10% instead.


 35.1439, 0.4873,
0.3521


 35.1439, 0.4873,
0.3521


325.2030, 0.3963,
0.3465

 23.7737, 0.5102,
0.3511


 67.7086, 0.4538,
0.3518

 15.1659, 0.5392,
0.3483


 89.6720, 0.4413,
0.3511

 8.9359, 0.5766,
0.3419

 115.9352, 0.4308,
0.3504

 4.6994, 0.6268,
0.3289

 146.8827, 0.4218,
0.3496

 2.0720, 0.6971,
0.3029

182.8988, 0.4141,
0.3488

 0.6488, 0.7678,
0.2322

224.3680, 0.4074,


 0.0000, 1.0000,


0.3480


0.0000


271.6746, 0.4015,
0.3472


 0.0000, 0.0000,
0.0000


 35.1439, 0.4873,
0.3521


 35.1439, 0.4873,
0.3521

 30.0895, 0.5311,
0.3528

 41.4851, 0.4458,
0.3495


 26.2274, 0.5728,
0.3508


 49.1875, 0.4091,
0.3458

 23.4592, 0.6065,
0.3460

 58.3267, 0.3779,
0.3415

 21.7144, 0.6278,
0.3398

 68.9710, 0.3520,
0.3372

 81.1841, 0.3307,
0.3330

95.0263, 0.3133,
0.3291

99.0650, 0.3096,
0.3290

Harmonies

Analogous

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



35.1439, 0.4384, 0.2910



35.1439, 0.4873, 0.3521



35.1439, 0.4782, 0.4163

Triad

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



35.1439, 0.4873, 0.3521



35.1439, 0.2600, 0.4517



35.1439, 0.1983, 0.1963

Complementary

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



35.1439, 0.4873, 0.3521



64.5097, 0.2324, 0.3005

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.



35.1439, 0.1663, 0.2142



35.1439, 0.4873, 0.3521



35.1439, 0.1958, 0.3551

Square

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



35.1439, 0.4873, 0.3521



35.1439, 0.3433, 0.4966



35.1439, 0.1648, 0.2664



35.1439, 0.2613, 0.2062

Rectangle

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



35.1439, 0.4873, 0.3521



35.1439, 0.4452, 0.4565



35.1439, 0.1648, 0.2664



35.1439, 0.1842, 0.1989

Sweetspot

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



35.1458, 0.4873, 0.3521



75.0240, 0.3466, 0.3362



34.8190, 0.3416, 0.2057



15.3041, 0.3533, 0.3374



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.



35.1458, 0.4873, 0.3521



30.7088, 0.5384, 0.3527



61.2324, 0.4305, 0.4273



17.6515, 0.3290, 0.3327



11.6455, 0.6257, 0.3414



1.2007, 0.6060, 0.3570

Inverse Universe

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



64.5097, 0.2324, 0.3005



63.5445, 0.2229, 0.2941



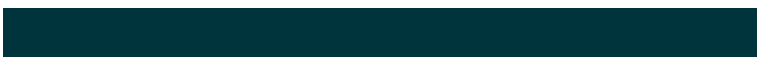
31.9698, 0.2095, 0.1993



19.1320, 0.2980, 0.3253



28.7963, 0.2111, 0.2798



2.7849, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 35.1439, 0.4873, 0.3521 looks on a white background.

Color Contrast Check

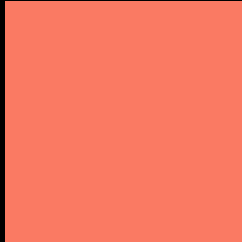
Large Text (above 18pt) WCAG AA × Fail

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 35.1439, 0.4873, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

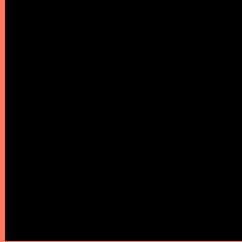
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1439, 0.4873, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 35.1439, 0.4873, 0.3521.



This preview shows how white text looks on a background with the Yxy color 35.1439, 0.4873, 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

35.1439, 0.4873, 0.3521

Protanopia

35.2408, 0.3687, 0.3956

Deuteranopia

35.1749, 0.4157, 0.4076



Tritanopia

35.1587, 0.4605, 0.3213

Trichromacy



Original Color

35.1439, 0.4873, 0.3521

Protanomaly

34.0794, 0.4112, 0.3774

Deuteranomaly

34.6193, 0.4428, 0.3855

Tritanomaly

34.9638, 0.4710, 0.3325

Monochromacy



Original Color

35.1439, 0.4873, 0.3521

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1333, 0.3708, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1439, 0.4873, 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(250, 122, 99)` looks like.

```
.text, #text, p{  
    color:rgb(250, 122, 99)  
}
```

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(250, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 122, 99) }
```

Border

The CSS property to change the border of an element to Yxy 35.1439, 0.4873, 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(250, 122, 99) }
```

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

```
.border{ border-color:rgb(250, 122, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 122, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(250, 122,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1439, 0.4873, 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(250, 122, 99) }
```

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

```
.background{ background-color: rgb(250,  
122, 99) }
```

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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