

Converting Colors

$Y_{xy}(37.4845, 0.4944, 0.3371)$

Have a look what the booklet for
Yxy(37.4845, 0.4944, 0.3371)
contains.

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Color

Yxy(35.0867, 0.4841, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	FF756D
RGB	255, 117, 109
RGB Percent	100%, 46%, 43%
CMY	0.0000, 0.5411, 0.5727
CMYK	0.00, 0.54, 0.57, 0.00
HSL	3°, 100%, 71%
HSV	3°, 57%, 100%
XYZ	50.3572, 35.0867, 18.5784
YIQ	157.3500, 84.8160, 26.7680

Conversions

Conversions Part 2

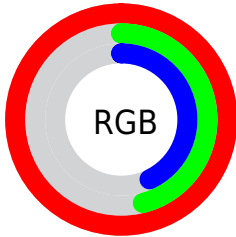
Format	Color
R _Y B	255, 117, 109
Decimal	16741741
CIE Lab	65.82, 51.93, 30.13
CIE LCh	66, 60.040, 30.125
Yxy	35.0867, 0.4841, 0.3373
Android (android.graphics.Color)	4294931821 (0xFFFF756D)
YUV	157.3500, -23.8365, 85.6391
Hunter-Lab	59.2340, 48.0903, 22.8679

Details

The Yxy color **35.0867, 0.4841, 0.3373** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **76.9535, 0.2390, 0.3194**, and the grayscale version is **33.9655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3383, 0.3989, 0.3408**, and **15.1196, 0.5372, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **29.7055, 0.5311, 0.3376**, and if you desaturate by 10%, it is **42.0755, 0.4404, 0.3362**.

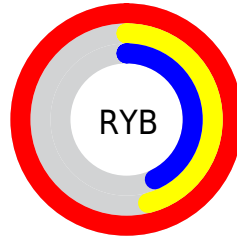
Distribution



Red (100%)

Green (46%)

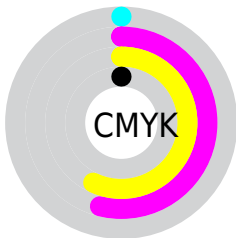
Blue (43%)



Red (100%)

Yellow (46%)

Blue (43%)

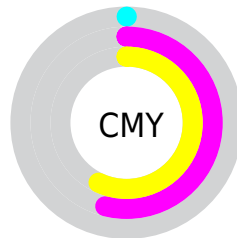


Cyan (0%)

Magenta (54%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0867, 0.4841, 0.3373 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 35.0867, 0.4841, 0.3373 by changing the saturation by 10% instead.


 35.0867, 0.4841,
0.3373


 35.0867, 0.4841,
0.3373


324.9509, 0.3943,
0.3385

 23.7297, 0.5070,
0.3350


 67.6201, 0.4509,
0.3392

 15.1332, 0.5363,
0.3308


 89.5652, 0.4386,
0.3395

 8.9129, 0.5747,
0.3229


 115.8084, 0.4282,
0.3395

 4.6844, 0.6258,
0.3081

 146.7343, 0.4194,
0.3394

 2.0633, 0.7135,
0.2865

182.7270, 0.4118,
0.3392

 0.6439, 0.7860,
0.2140

224.1711, 0.4052,

 0.0000, 1.0000,

0.3390


0.0000


271.4509, 0.3994,
0.3388

 0.0000, 0.0000,
0.0000

 35.0867, 0.4841,
0.3373


 35.0867, 0.4841,
0.3373


 29.7055, 0.5311,
0.3376

 42.0755, 0.4404,
0.3362

 25.7987, 0.5762,
0.3369


 50.7798, 0.4026,
0.3348


 23.2216, 0.6123,
0.3351

 61.3050, 0.3712,
0.3332

 21.7964, 0.6336,
0.3325

 73.7462, 0.3457,
0.3316

 21.5732, 0.6373,
0.3322

 88.1921, 0.3251,
0.3300

99.9977, 0.3127,
0.3290

Harmonies

Analogous

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



35.0867, 0.4221, 0.2771



35.0867, 0.4841, 0.3373



35.0867, 0.4879, 0.4021

Triad

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



35.0867, 0.4841, 0.3373



35.0867, 0.2775, 0.4714



35.0867, 0.1863, 0.1958

Complementary

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



35.0867, 0.4841, 0.3373



76.9535, 0.2390, 0.3194

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.



35.0867, 0.1611, 0.2211



35.0867, 0.4841, 0.3373



35.0867, 0.2061, 0.3795

Square

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



35.0867, 0.4841, 0.3373



35.0867, 0.3632, 0.4996



35.0867, 0.1667, 0.2828



35.0867, 0.2429, 0.1998

Rectangle

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



35.0867, 0.4841, 0.3373



35.0867, 0.4607, 0.4446



35.0867, 0.1667, 0.2828



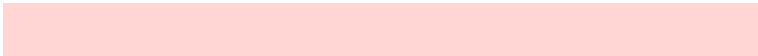
35.0867, 0.1745, 0.2007

Sweetspot

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



35.0886, 0.4841, 0.3373



74.1088, 0.3451, 0.3315



38.9471, 0.3257, 0.1995



15.2912, 0.3497, 0.3318



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.



35.0886, 0.4841, 0.3373



28.9281, 0.5392, 0.3376



58.8774, 0.4333, 0.4098



18.1475, 0.3293, 0.3304



11.3377, 0.6363, 0.3330



1.1579, 0.6274, 0.3401

Inverse Universe

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



76.9535, 0.2390, 0.3194



74.3723, 0.2304, 0.3171



41.0040, 0.2188, 0.2265



20.2997, 0.2980, 0.3276



36.7022, 0.2199, 0.3117



3.6239, 0.2205, 0.3138

Previews

White Background



This preview shows how the Yxy color 35.0867, 0.4841, 0.3373 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 35.0867, 0.4841, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

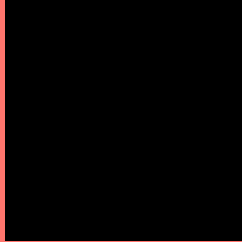
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0867, 0.4841, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 35.0867, 0.4841, 0.3373.



This preview shows how white text looks on a background with the Yxy color 35.0867, 0.4841, 0.3373.

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

35.0867, 0.4841, 0.3373

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.0992, 0.4042, 0.3959



Tritanopia

35.1808, 0.4681, 0.3225

Trichromacy



Original Color

35.0867, 0.4841, 0.3373

Protanomaly

33.7445, 0.3996, 0.3594

Deuteranomaly

34.3750, 0.4351, 0.3716

Tritanomaly

35.0588, 0.4741, 0.3275

Monochromacy



Original Color

35.0867, 0.4841, 0.3373

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5769, 0.3708, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0867, 0.4841, 0.3373 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(255, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 109)  
}
```

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(255, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 109) }
```

Border

The CSS property to change the border of an element to Yxy 35.0867, 0.4841, 0.3373 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(255, 117, 109) }
```

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

```
.border{ border-color:rgb(255, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0867, 0.4841, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 109) }
```

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

```
.background{ background-color: rgb(255,  
117, 109) }
```

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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