

Converting Colors

Yxy(37.8462, 0.4841, 0.3429)

Have a look what the booklet for
Yxy(37.8462, 0.4841, 0.3429)
contains.

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Color

Yxy(36.7794, 0.4792, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C6D
RGB	255, 124, 109
RGB Percent	100%, 49%, 43%
CMY	0.0001, 0.5137, 0.5725
CMYK	0.00, 0.51, 0.57, 0.00
HSL	6°, 100%, 71%
HSV	6°, 57%, 100%
XYZ	51.2048, 36.7794, 18.8705
YIQ	161.4590, 82.8910, 23.1070

Conversions

Conversions Part 2

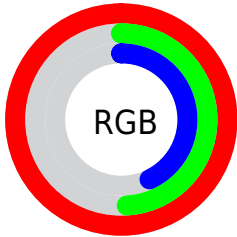
Format	Color
R _Y B	255, 126, 109
Decimal	16743533
CIE Lab	67.11, 48.61, 31.79
CIE LCh	67, 58.077, 33.184
Yxy	36.7794, 0.4792, 0.3442
Android (android.graphics.Color)	4294933613 (0xFFFF7C6D)
YUV	161.4590, -25.8623, 82.0355
Hunter-Lab	60.6460, 44.5810, 24.0036

Details

The Yxy color **36.7794, 0.4792, 0.3442** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.7784, 0.2372, 0.3110**, and the grayscale version is **35.9620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0734, 0.3961, 0.3482**, and **16.0547, 0.5294, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **31.2245, 0.5246, 0.3449**, and if you desaturate by 10%, it is **43.8274, 0.4372, 0.3422**.

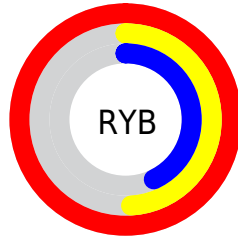
Distribution



Red (100%)

Green (49%)

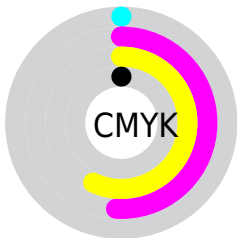
Blue (43%)



Red (100%)

Yellow (49%)

Blue (43%)

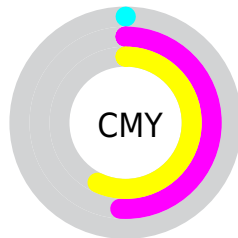


Cyan (0%)

Magenta (51%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7794, 0.4792, 0.3442 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 36.7794, 0.4792, 0.3442 by changing the saturation by 10% instead.

 36.7794, 0.4792,
0.3442


 36.7794, 0.4792,
0.3442


332.3545, 0.3926,
0.3419


 25.0367, 0.5011,
0.3428


 70.2334, 0.4474,
0.3448


 16.1044, 0.5289,
0.3398


 92.7135, 0.4355,
0.3445

 9.5981, 0.5652,
0.3337


 119.5415, 0.4255,
0.3442

 5.1333, 0.6131,
0.3213

 151.1019, 0.4170,
0.3437

 2.3257, 0.6960,
0.3040

187.7789, 0.4096,
0.3433

 0.7873, 0.7588,
0.2412

229.9571, 0.4032,

 0.0000, 1.0000,

0.3428

0.0000

278.0208, 0.3976,
0.3423

■ 0.0000, 0.0000,
0.0000

■ 36.7794, 0.4792,
0.3442

■ 36.7794, 0.4792,
0.3442

■ 31.2245, 0.5246,
0.3449

■ 43.8274, 0.4372,
0.3422

■ 27.0493, 0.5688,
0.3439

■ 52.4595, 0.4007,
0.3396

■ 24.1337, 0.6056,
0.3408

■ 62.7663, 0.3703,
0.3366

■ 22.3335, 0.6291,
0.3361

■ 74.8298, 0.3453,
0.3337

■ 22.0058, 0.6336,
0.3351

■ 88.7266, 0.3250,
0.3309

99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



36.7794, 0.4250, 0.2851



36.7794, 0.4792, 0.3442



36.7794, 0.4779, 0.4069

Triad

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



36.7794, 0.4792, 0.3442



36.7794, 0.2717, 0.4569



36.7794, 0.1955, 0.2002

Complementary

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



36.7794, 0.4792, 0.3442



72.7784, 0.2372, 0.3110

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.



36.7794, 0.1680, 0.2219



36.7794, 0.4792, 0.3442



36.7794, 0.2055, 0.3672

Square

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



36.7794, 0.4792, 0.3442



36.7794, 0.3537, 0.4918



36.7794, 0.1705, 0.2778



36.7794, 0.2533, 0.2065

Rectangle

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



36.7794, 0.4792, 0.3442



36.7794, 0.4495, 0.4467



36.7794, 0.1705, 0.2778



36.7794, 0.1830, 0.2041

Sweetspot

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



36.7814, 0.4792, 0.3442



75.1623, 0.3447, 0.3336



38.5111, 0.3326, 0.2050



15.5361, 0.3493, 0.3342



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.



36.7814, 0.4792, 0.3442



30.4005, 0.5326, 0.3449



62.1109, 0.4284, 0.4166



18.2874, 0.3292, 0.3315



11.5973, 0.6320, 0.3363



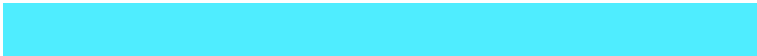
1.2239, 0.6171, 0.3482

Inverse Universe

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



72.7784, 0.2372, 0.3110



69.4009, 0.2278, 0.3068



38.2551, 0.2167, 0.2168



20.1434, 0.2980, 0.3265



33.1208, 0.2156, 0.2963



3.3130, 0.2168, 0.3003

Previews

White Background



This preview shows how the Yxy color 36.7794, 0.4792, 0.3442 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 36.7794, 0.4792, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

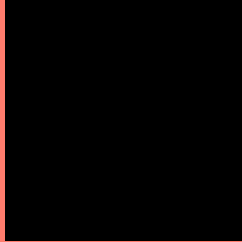
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7794, 0.4792, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 36.7794, 0.4792, 0.3442.



This preview shows how white text looks on a background with the Yxy color 36.7794, 0.4792, 0.3442.

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

36.7794, 0.4792, 0.3442

Protanopia

37.1712, 0.3580, 0.3833

Deuteranopia

36.7620, 0.4075, 0.3981



Tritanopia

36.7908, 0.4562, 0.3214

Trichromacy



Original Color

36.7794, 0.4792, 0.3442

Protanomaly

35.6883, 0.4011, 0.3667

Deuteranomaly

36.0265, 0.4353, 0.3757

Tritanomaly

36.8311, 0.4651, 0.3305

Monochromacy



Original Color

36.7794, 0.4792, 0.3442

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.7349, 0.3687, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7794, 0.4792, 0.3442 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, 124, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 109) }
```

Border

The CSS property to change the border of an element to Yxy 36.7794, 0.4792, 0.3442 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, 124, 109) }
```

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

```
.border{ border-color:rgb(255, 124, 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, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7794, 0.4792, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 109) }
```

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

```
.background{ background-color: rgb(255,  
124, 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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