

Converting Colors

$Y_{xy}(40.9630, 0.5055, 0.3381)$

Have a look what the booklet for
Yxy(40.9630, 0.5055, 0.3381)
contains.

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Color

Yxy(35.5364, 0.4838, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	FF776C
RGB	255, 119, 108
RGB Percent	100%, 47%, 42%
CMY	0.0001, 0.5332, 0.5764
CMYK	0.00, 0.53, 0.58, 0.00
HSL	5°, 100%, 71%
HSV	5°, 58%, 100%
XYZ	50.5365, 35.5364, 18.3845
YIQ	158.4100, 84.5870, 25.4110

Conversions

Conversions Part 2

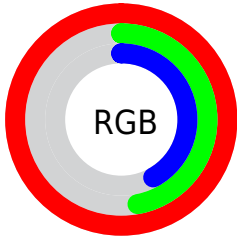
Format	Color
R _Y B	255, 120, 108
Decimal	16742252
CIE Lab	66.16, 50.91, 31.12
CIE LCh	66, 59.668, 31.437
Yxy	35.5364, 0.4838, 0.3402
Android (android.graphics.Color)	4294932332 (0xFFFF776C)
YUV	158.4100, -24.8521, 84.7094
Hunter-Lab	59.6124, 47.0018, 23.4436

Details

The Yxy color **35.5364, 0.4838, 0.3402** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.0777, 0.2379, 0.3158**, and the grayscale version is **34.4783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0702, 0.3990, 0.3440**, and **15.4443, 0.5358, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **30.1365, 0.5302, 0.3406**, and if you desaturate by 10%, it is **42.4915, 0.4406, 0.3388**.

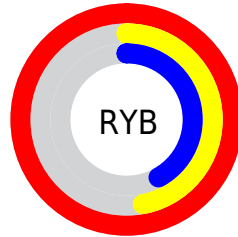
Distribution



Red (100%)

Green (47%)

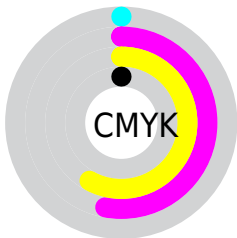
Blue (42%)



Red (100%)

Yellow (47%)

Blue (42%)

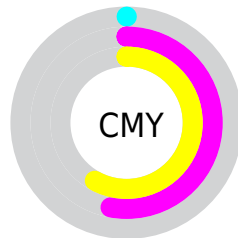


Cyan (0%)

Magenta (53%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5364, 0.4838, 0.3402 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 35.5364, 0.4838, 0.3402 by changing the saturation by 10% instead.


 35.5364, 0.4838,
0.3402


 35.5364, 0.4838,
0.3402


326.9297, 0.3944,
0.3400

 24.0764, 0.5065,
0.3382


 68.3159, 0.4508,
0.3416


 15.3903, 0.5355,
0.3344


 90.4042, 0.4385,
0.3417

 9.0937, 0.5734,
0.3270


 116.8040, 0.4282,
0.3416

 4.8024, 0.6236,
0.3127

 147.8997, 0.4194,
0.3413

 2.1318, 0.7084,
0.2916

184.0757, 0.4118,
0.3410

 0.6824, 0.7778,
0.2222

225.7165, 0.4053,

 0.0000, 1.0000,

0.3407

0.0000

273.2063, 0.3995,
0.3404

■ 0.0000, 0.0000,
0.0000

■ 35.5364, 0.4838,
0.3402

■ 35.5364, 0.4838,
0.3402

■ 30.1365, 0.5302,
0.3406

■ 42.4915, 0.4406,
0.3388

■ 26.1669, 0.5748,
0.3397

■ 51.1029, 0.4032,
0.3369

■ 23.4929, 0.6108,
0.3372

■ 61.4698, 0.3719,
0.3347

■ 21.9501, 0.6326,
0.3337

■ 73.6820, 0.3464,
0.3325

■ 21.7247, 0.6360,
0.3332

■ 87.8230, 0.3257,
0.3305

99.9948, 0.3127,
0.3290

Harmonies

Analogous

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



35.5364, 0.4246, 0.2800



35.5364, 0.4838, 0.3402



35.5364, 0.4852, 0.4046

Triad

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



35.5364, 0.4838, 0.3402



35.5364, 0.2744, 0.4667



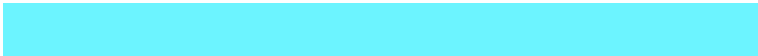
35.5364, 0.1892, 0.1966

Complementary

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



35.5364, 0.4838, 0.3402



75.0777, 0.2379, 0.3158

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.



35.5364, 0.1628, 0.2204



35.5364, 0.4838, 0.3402



35.5364, 0.2047, 0.3745

Square

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



35.5364, 0.4838, 0.3402



35.5364, 0.3593, 0.4981



35.5364, 0.1670, 0.2799



35.5364, 0.2468, 0.2017

Rectangle

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



35.5364, 0.4838, 0.3402



35.5364, 0.4570, 0.4464



35.5364, 0.1670, 0.2799



35.5364, 0.1770, 0.2010

Sweetspot

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



35.5383, 0.4838, 0.3402



74.5465, 0.3449, 0.3324



38.5845, 0.3281, 0.2006



15.3929, 0.3496, 0.3328



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.



35.5383, 0.4838, 0.3402



29.5224, 0.5365, 0.3406



59.7246, 0.4326, 0.4125



18.2057, 0.3293, 0.3308



11.4322, 0.6347, 0.3342



1.1854, 0.6230, 0.3435

Inverse Universe

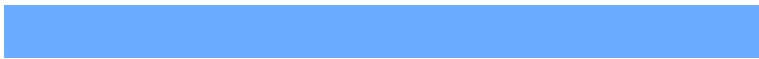
The Inverse Universe completely reimagines the original color for something new.



75.0777, 0.2379, 0.3158



72.2714, 0.2293, 0.3129



39.7946, 0.2175, 0.2224



20.2344, 0.2980, 0.3272



35.1795, 0.2182, 0.3053



3.4920, 0.2190, 0.3082

Previews

White Background



This preview shows how the Yxy color 35.5364, 0.4838, 0.3402 looks on a white background.

Color Contrast Check

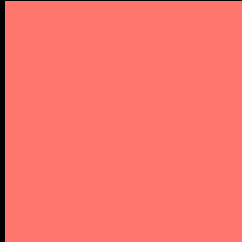
Large Text (above 18pt) WCAG AA × Fail

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 35.5364, 0.4838, 0.3402 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 35.5364, 0.4838, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 35.5364, 0.4838, 0.3402.



This preview shows how white text looks on a background with the Yxy color 35.5364, 0.4838, 0.3402.

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

35.5364, 0.4838, 0.3402

Protanopia

35.7668, 0.3560, 0.3798

Deuteranopia

35.6726, 0.4066, 0.3978



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.5364, 0.4838, 0.3402

Protanomaly

34.4462, 0.4017, 0.3645

Deuteranomaly

34.8009, 0.4365, 0.3738

Tritanomaly

35.5488, 0.4717, 0.3285

Monochromacy



Original Color

35.5364, 0.4838, 0.3402

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1774, 0.3701, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5364, 0.4838, 0.3402 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, 119, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 108)  
}
```

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, 119, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 108) }
```

Border

The CSS property to change the border of an element to Yxy 35.5364, 0.4838, 0.3402 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, 119, 108) }
```

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

```
.border{ border-color:rgb(255, 119, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5364, 0.4838, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 108) }
```

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

```
.background{ background-color: rgb(255,  
119, 108) }
```

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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