

Converting Colors

Yxy(35.6140, 0.4830, 0.3399)

Have a look what the booklet for
Yxy(35.6140, 0.4830, 0.3399)
contains.

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Color

Yxy(35.5578, 0.4827, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	FF776D
RGB	255, 119, 109
RGB Percent	100%, 47%, 43%
CMY	0.0000, 0.5333, 0.5725
CMYK	0.00, 0.53, 0.57, 0.00
HSL	4°, 100%, 71%
HSV	4°, 57%, 100%
XYZ	50.6007, 35.5578, 18.6699
YIQ	158.5240, 84.2660, 25.7220

Conversions

Conversions Part 2

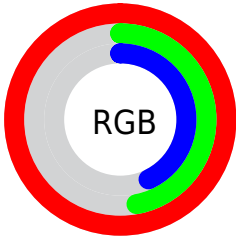
Format	Color
R _Y B	255, 120, 109
Decimal	16742253
CIE Lab	66.18, 51.01, 30.58
CIE LCh	66, 59.474, 30.942
Yxy	35.5578, 0.4827, 0.3392
Android (android.graphics.Color)	4294932333 (0xFFFF776D)
YUV	158.5240, -24.4153, 84.6095
Hunter-Lab	59.6304, 47.1170, 23.1779

Details

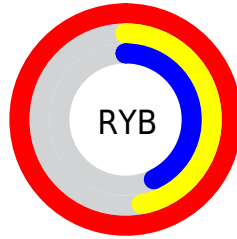
The Yxy color **35.5578, 0.4827, 0.3392** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.7906, 0.2385, 0.3171**, and the grayscale version is **34.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1053, 0.3981, 0.3429**, and **15.4550, 0.5343, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **30.1207, 0.5292, 0.3396**, and if you desaturate by 10%, it is **42.5675, 0.4395, 0.3379**.

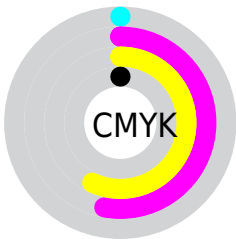
Distribution



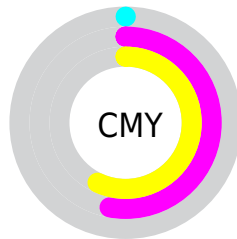
- Red (100%)
- Green (47%)
- Blue (43%)



- Red (100%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (0%)




- Cyan (0%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5578, 0.4827, 0.3392 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 35.5578, 0.4827, 0.3392 by changing the saturation by 10% instead.


 35.5578, 0.4827,
0.3392


 35.5578, 0.4827,
0.3392


327.0236, 0.3938,
0.3394


 24.0929, 0.5053,
0.3371


 68.3490, 0.4499,
0.3407


 15.4025, 0.5342,
0.3333


 90.4440, 0.4377,
0.3408

 9.1024, 0.5720,
0.3259


 116.8513, 0.4274,
0.3408

 4.8080, 0.6222,
0.3117

 147.9550, 0.4187,
0.3406

 2.1351, 0.7086,
0.2914

184.1398, 0.4112,
0.3403

 0.6842, 0.7779,
0.2221

225.7898, 0.4046,

 0.0000, 1.0000,

0.3401

0.0000

273.2897, 0.3989,
0.3398


 0.0000, 0.0000,
0.0000


 35.5578, 0.4827,
0.3392


 35.5578, 0.4827,
0.3392

 30.1207, 0.5292,
0.3396


 42.5675, 0.4395,
0.3379


 26.1341, 0.5741,
0.3388


 51.2581, 0.4021,
0.3361

 23.4589, 0.6105,
0.3366

 61.7287, 0.3709,
0.3341

 21.9275, 0.6325,
0.3334

 74.0709, 0.3455,
0.3322

 21.6744, 0.6365,
0.3328

 88.3697, 0.3250,
0.3303

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



35.5578, 0.4229, 0.2793



35.5578, 0.4827, 0.3392



35.5578, 0.4851, 0.4034

Triad

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



35.5578, 0.4827, 0.3392



35.5578, 0.2759, 0.4673



35.5578, 0.1889, 0.1971

Complementary

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



35.5578, 0.4827, 0.3392



75.7906, 0.2385, 0.3171

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.



35.5578, 0.1630, 0.2214



35.5578, 0.4827, 0.3392



35.5578, 0.2059, 0.3761

Square

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



35.5578, 0.4827, 0.3392



35.5578, 0.3606, 0.4974



35.5578, 0.1678, 0.2814



35.5578, 0.2458, 0.2017

Rectangle

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



35.5578, 0.4827, 0.3392



35.5578, 0.4576, 0.4452



35.5578, 0.1678, 0.2814



35.5578, 0.1769, 0.2017

Sweetspot

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



35.5580, 0.4827, 0.3392



74.3999, 0.3450, 0.3321



38.8107, 0.3280, 0.2013



15.3588, 0.3496, 0.3325



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.



35.5580, 0.4827, 0.3392



29.3205, 0.5374, 0.3396



59.9508, 0.4316, 0.4121



18.1863, 0.3293, 0.3307



11.3985, 0.6353, 0.3338



1.1762, 0.6245, 0.3424

Inverse Universe

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



75.7906, 0.2385, 0.3171



72.9696, 0.2297, 0.3143



40.0837, 0.2182, 0.2233



20.2562, 0.2980, 0.3273



35.6840, 0.2188, 0.3075



3.5358, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 35.5578, 0.4827, 0.3392 looks on a white background.

Color Contrast Check

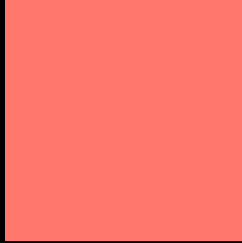
Large Text (above 18pt) WCAG AA × Fail

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 35.5578, 0.4827, 0.3392 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 35.5578, 0.4827, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 35.5578, 0.4827, 0.3392.



This preview shows how white text looks on a background with the Yxy color 35.5578, 0.4827, 0.3392.

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

35.5578, 0.4827, 0.3392

Protanopia

35.7927, 0.3551, 0.3784

Deuteranopia

35.5598, 0.4046, 0.3969



Tritanopia

35.4632, 0.4651, 0.3215

Trichromacy



Original Color

35.5578, 0.4827, 0.3392

Protanomaly

34.4704, 0.4006, 0.3632

Deuteranomaly

34.6686, 0.4344, 0.3728

Tritanomaly

35.5488, 0.4717, 0.3285

Monochromacy



Original Color

35.5578, 0.4827, 0.3392

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.3389, 0.3701, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5578, 0.4827, 0.3392 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 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, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 109) }
```

Border

The CSS property to change the border of an element to Yxy 35.5578, 0.4827, 0.3392 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, 109) }
```

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

```
.border{ border-color:rgb(255, 119, 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, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5578, 0.4827, 0.3392 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, 109) }
```

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

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