

Converting Colors

Yxy(39.6828, 0.4696, 0.3533)

Have a look what the booklet for
Yxy(39.6828, 0.4696, 0.3533)
contains.

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Color

Yxy(39.7356, 0.4694, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FF876F
RGB	255, 135, 111
RGB Percent	100%, 53%, 44%
CMY	0.0000, 0.4706, 0.5647
CMYK	0.00, 0.47, 0.56, 0.00
HSL	10°, 100%, 72%
HSV	10°, 56%, 100%
XYZ	52.7784, 39.7356, 19.9240
YIQ	168.1440, 79.2240, 17.9760

Conversions

Conversions Part 2

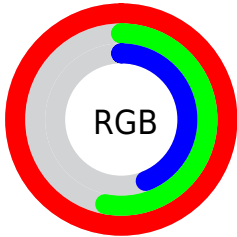
Format	Color
R _Y B	255, 140, 111
Decimal	16746351
CIE Lab	69.28, 43.38, 33.49
CIE LCh	69, 54.803, 37.669
Yxy	39.7356, 0.4694, 0.3534
Android (android.graphics.Color)	4294936431 (0xFFFF876F)
YUV	168.1440, -28.1720, 76.1727
Hunter-Lab	63.0362, 39.1397, 25.3854

Details

The Yxy color **39.7356, 0.4694, 0.3534** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.7490, 0.2355, 0.3000**, and the grayscale version is **39.3411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7313, 0.3901, 0.3575**, and **17.8628, 0.5150, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **33.9008, 0.5122, 0.3552**, and if you desaturate by 10%, it is **46.9105, 0.4300, 0.3499**.

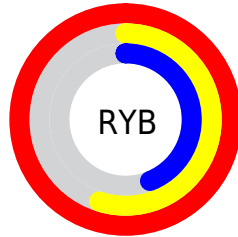
Distribution



Red (100%)

Green (53%)

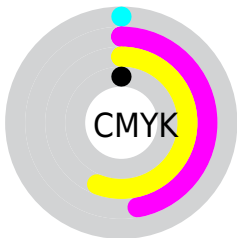
Blue (44%)



Red (100%)

Yellow (55%)

Blue (44%)

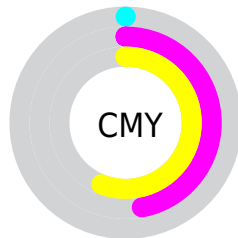


Cyan (0%)

Magenta (47%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7356, 0.4694, 0.3534 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 39.7356, 0.4694, 0.3534 by changing the saturation by 10% instead.


 39.7356, 0.4694,
0.3534


 39.7356, 0.4694,
0.3534


345.0079, 0.3889,
0.3461

 27.3325, 0.4894,
0.3534


 74.7607, 0.4400,
0.3521


 17.8231, 0.5148,
0.3523


 98.1515, 0.4290,
0.3512

 10.8230, 0.5476,
0.3488


 125.9736, 0.4197,
0.3502

 5.9480, 0.5907,
0.3403

 158.6114, 0.4118,
0.3493

 2.8135, 0.6686,
0.3314

196.4494, 0.4049,
0.3484

 1.0351, 0.7220,
0.2780

239.8718, 0.3989,

 0.0000, 1.0000,

0.3476

0.0000

289.2632, 0.3936,
0.3468

■ 0.0000, 0.0000,
0.0000

■ 39.7356, 0.4694,
0.3534

■ 39.7356, 0.4694,
0.3534

■ 33.9008, 0.5122,
0.3552

■ 46.9105, 0.4300,
0.3499

■ 29.3265, 0.5549,
0.3543

■ 55.5080, 0.3958,
0.3456

■ 25.9161, 0.5922,
0.3504

■ 65.5978, 0.3670,
0.3408

■ 23.5605, 0.6189,
0.3436

■ 77.2464, 0.3431,
0.3362

■ 22.9518, 0.6258,
0.3413

■ 90.5164, 0.3235,
0.3317

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.



39.7356, 0.4263, 0.2966



39.7356, 0.4694, 0.3534



39.7356, 0.4619, 0.4119

Triad

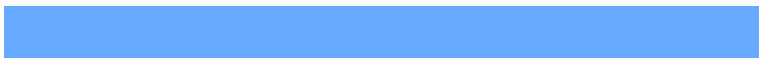
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.7356, 0.4694, 0.3534



39.7356, 0.2650, 0.4352



39.7356, 0.2099, 0.2081

Complementary

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



39.7356, 0.4694, 0.3534



67.7490, 0.2355, 0.3000

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.



39.7356, 0.1795, 0.2249



39.7356, 0.4694, 0.3534



39.7356, 0.2066, 0.3511

Square

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



39.7356, 0.4694, 0.3534



39.7356, 0.3406, 0.4773



39.7356, 0.1778, 0.2727



39.7356, 0.2684, 0.2174

Rectangle

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



39.7356, 0.4694, 0.3534



39.7356, 0.4327, 0.4470



39.7356, 0.1778, 0.2727



39.7356, 0.1966, 0.2106

Sweetspot

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



39.7339, 0.4694, 0.3534



76.5939, 0.3442, 0.3364



38.3964, 0.3417, 0.2139



15.8696, 0.3487, 0.3373



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.



39.7339, 0.4694, 0.3534



33.1236, 0.5188, 0.3552



67.0317, 0.4206, 0.4244



18.4761, 0.3290, 0.3330



12.1352, 0.6236, 0.3430



1.3125, 0.6044, 0.3583

Inverse Universe

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



67.7490, 0.2355, 0.3000



63.4420, 0.2251, 0.2931



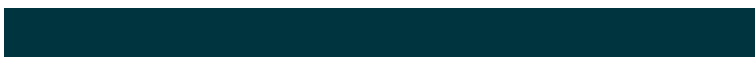
35.3932, 0.2153, 0.2059



19.9356, 0.2980, 0.3249



28.6973, 0.2097, 0.2748



2.9249, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 39.7356, 0.4694, 0.3534 looks on a white background.

Color Contrast Check

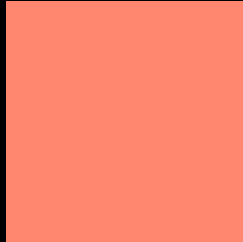
Large Text (above 18pt) WCAG AA × Fail

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 39.7356, 0.4694, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

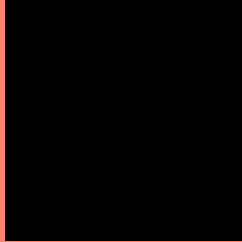
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7356, 0.4694, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 39.7356, 0.4694, 0.3534.



This preview shows how white text looks on a background with the Yxy color 39.7356, 0.4694, 0.3534.

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

39.7356, 0.4694, 0.3534

Protanopia

39.8017, 0.3641, 0.3898

Deuteranopia

39.8604, 0.4080, 0.3996



Tritanopia

39.6856, 0.4380, 0.3201

Trichromacy



Original Color

39.7356, 0.4694, 0.3534

Protanomaly

39.0253, 0.4019, 0.3757

Deuteranomaly

39.2272, 0.4307, 0.3808

Tritanomaly

39.6468, 0.4500, 0.3325

Monochromacy



Original Color

39.7356, 0.4694, 0.3534

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1629, 0.3660, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7356, 0.4694, 0.3534 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, 135, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 111)  
}
```

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, 135, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 111) }
```

Border

The CSS property to change the border of an element to Yxy 39.7356, 0.4694, 0.3534 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, 135, 111) }
```

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

```
.border{ border-color:rgb(255, 135, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7356, 0.4694, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 111) }
```

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

```
.background{ background-color: rgb(255,  
135, 111) }
```

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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