

Converting Colors

$Yxy(43.4036, 0.5069, 0.3593)$

Have a look what the booklet for
Yxy(43.4036, 0.5069, 0.3593)
contains.

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Color

Yxy(38.3371, 0.4876, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	FF8360
RGB	255, 131, 96
RGB Percent	100%, 51%, 38%
CMY	0.0000, 0.4862, 0.6236
CMYK	0.00, 0.49, 0.62, 0.00
HSL	13°, 100%, 69%
HSV	13°, 62%, 100%
XYZ	51.4680, 38.3371, 15.7486
YIQ	164.0860, 85.1390, 15.4030

Conversions

Conversions Part 2

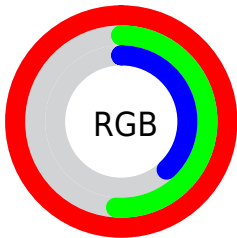
Format	Color
R _Y B	255, 141, 96
Decimal	16745312
CIE Lab	68.27, 44.31, 40.31
CIE LCh	68, 59.902, 42.288
Yxy	38.3371, 0.4876, 0.3632
Android (android.graphics.Color)	4294935392 (0xFFFF8360)
YUV	164.0860, -33.5664, 79.7316
Hunter-Lab	61.9170, 40.0220, 28.2614

Details

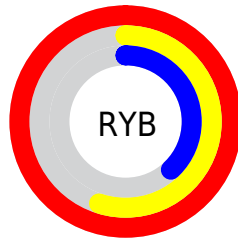
The Yxy color **38.3371, 0.4876, 0.3632** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.8790, 0.2274, 0.2856**, and the grayscale version is **37.3000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4844, 0.4053, 0.3700**, and **16.9996, 0.5373, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **33.1040, 0.5287, 0.3642**, and if you desaturate by 10%, it is **44.7501, 0.4481, 0.3595**.

Distribution



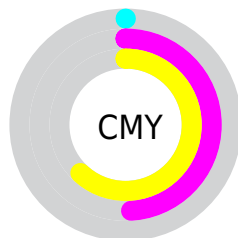
- Red (100%)
- Green (51%)
- Blue (38%)



- Red (100%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3371, 0.4876, 0.3632 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 38.3371, 0.4876, 0.3632 by changing the saturation by 10% instead.

 38.3371, 0.4876,
0.3632


 38.3371, 0.4876,
0.3632


339.0638, 0.3981,
0.3527


 26.2444, 0.5094,
0.3633


 72.6245, 0.4552,
0.3612


 17.0066, 0.5367,
0.3618

 95.5881, 0.4429,
0.3599

 10.2392, 0.5712,
0.3571


 122.9440, 0.4325,
0.3585

 5.5578, 0.6165,
0.3467

 155.0768, 0.4237,
0.3572

 2.5781, 0.6762,
0.3238

192.3708, 0.4160,
0.3560

 0.9157, 0.7328,
0.2672

235.2103, 0.4092,

 0.0000, 1.0000,

0.3548

0.0000

283.9799, 0.4033,
0.3537

■ 0.0000, 0.0000,
0.0000

■ 38.3371, 0.4876,
0.3632

■ 38.3371, 0.4876,
0.3632

■ 33.1040, 0.5287,
0.3642

■ 44.7501, 0.4481,
0.3595

■ 28.9725, 0.5676,
0.3616

■ 52.4062, 0.4125,
0.3543

■ 25.8606, 0.5992,
0.3551

■ 61.3691, 0.3818,
0.3482

■ 24.1044, 0.6168,
0.3485

■ 71.6967, 0.3559,
0.3420

■ 83.4433, 0.3343,
0.3360

96.6605, 0.3165,
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.



38.3371, 0.4489, 0.3017



38.3371, 0.4876, 0.3632



38.3371, 0.4695, 0.4265

Triad

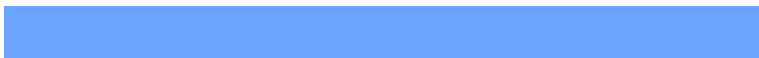
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.3371, 0.4876, 0.3632



38.3371, 0.2477, 0.4352



38.3371, 0.2083, 0.1976

Complementary

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



38.3371, 0.4876, 0.3632



60.8790, 0.2274, 0.2856

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.



38.3371, 0.1712, 0.2103



38.3371, 0.4876, 0.3632



38.3371, 0.1894, 0.3376

Square

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



38.3371, 0.4876, 0.3632



38.3371, 0.3285, 0.4918



38.3371, 0.1644, 0.2556



38.3371, 0.2759, 0.2117

Rectangle

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



38.3371, 0.4876, 0.3632



38.3371, 0.4328, 0.4644



38.3371, 0.1644, 0.2556



38.3371, 0.1926, 0.1986

Sweetspot

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



38.3385, 0.4876, 0.3632



75.4830, 0.3482, 0.3400



34.8186, 0.3541, 0.2111



15.4644, 0.3547, 0.3417



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.



38.3385, 0.4876, 0.3632



31.9095, 0.5394, 0.3639



68.1701, 0.4275, 0.4390



18.6356, 0.3289, 0.3343



12.7736, 0.6142, 0.3505



1.3968, 0.5931, 0.3673

Inverse Universe

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



60.8790, 0.2274, 0.2856



55.8276, 0.2165, 0.2753



28.7663, 0.2030, 0.1802



19.7626, 0.2980, 0.3236



25.3073, 0.2045, 0.2562



2.6237, 0.2071, 0.2655

Previews

White Background



This preview shows how the Yxy color 38.3371, 0.4876, 0.3632 looks on a white background.

Color Contrast Check

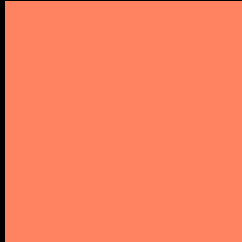
Large Text (above 18pt) WCAG AA × Fail

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 38.3371, 0.4876, 0.3632 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 38.3371, 0.4876, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 38.3371, 0.4876, 0.3632.



This preview shows how white text looks on a background with the Yxy color 38.3371, 0.4876, 0.3632.

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

38.3371, 0.4876, 0.3632

Protanopia

38.5653, 0.3782, 0.4093

Deuteranopia

38.3718, 0.4230, 0.4147



Tritanopia

38.2163, 0.4464, 0.3202

Trichromacy



Original Color

38.3371, 0.4876, 0.3632



Protanomaly

37.5206, 0.4182, 0.3916



Deuteranomaly

37.9556, 0.4479, 0.3944



Tritanomaly

38.0788, 0.4631, 0.3365

Monochromacy



Original Color

38.3371, 0.4876, 0.3632



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

36.1909, 0.3725, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3371, 0.4876, 0.3632 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, 131, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 96)  
}
```

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, 131, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 96) }
```

Border

The CSS property to change the border of an element to Yxy 38.3371, 0.4876, 0.3632 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, 131, 96) }
```

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

```
.border{ border-color:rgb(255, 131, 96) }
```

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

Here you see how a box with a 4 pixel rgb(255, 131, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
96) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 38.3371, 0.4876, 0.3632$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 96) }
```

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

```
.background{ background-color: rgb(255,  
131, 96) }
```

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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