

Converting Colors

$Y_{xy}(42.6551, 0.4881, 0.3451)$

Have a look what the booklet for
Yxy(42.6551, 0.4881, 0.3451)
contains.

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Color

Yxy(38.4175, 0.4707, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	FF8271
RGB	255, 130, 113
RGB Percent	100%, 51%, 44%
CMY	0.0000, 0.4902, 0.5569
CMYK	0.00, 0.49, 0.56, 0.00
HSL	7°, 100%, 72%
HSV	7°, 56%, 100%
XYZ	52.2030, 38.4175, 20.2845
YIQ	165.4370, 79.9570, 21.2130

Conversions

Conversions Part 2

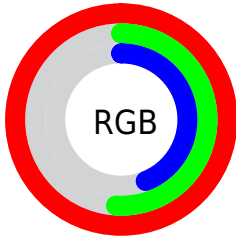
Format	Color
R _Y B	255, 132, 113
Decimal	16745073
CIE Lab	68.33, 45.99, 31.17
CIE LCh	68, 55.556, 34.124
Yxy	38.4175, 0.4707, 0.3464
Android (android.graphics.Color)	4294935153 (0xFFFF8271)
YUV	165.4370, -25.8514, 78.5468
Hunter-Lab	61.9819, 41.8699, 23.9837

Details

The Yxy color **38.4175, 0.4707, 0.3464** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.8708, 0.2380, 0.3086**, and the grayscale version is **37.9469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6745, 0.3903, 0.3502**, and **17.0269, 0.5165, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **32.5895, 0.5151, 0.3476**, and if you desaturate by 10%, it is **45.7131, 0.4301, 0.3439**.

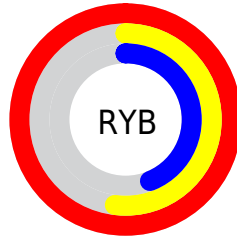
Distribution



Red (100%)

Green (51%)

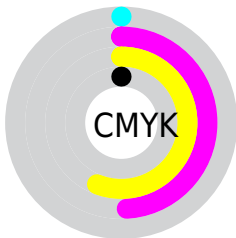
Blue (44%)



Red (100%)

Yellow (52%)

Blue (44%)

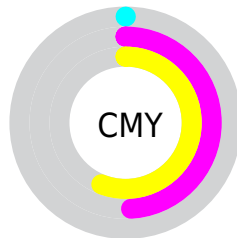


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4175, 0.4707, 0.3464 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 38.4175, 0.4707, 0.3464 by changing the saturation by 10% instead.


 38.4175, 0.4707,
0.3464


 38.4175, 0.4707,
0.3464


339.4076, 0.3890,
0.3425


 26.3069, 0.4913,
0.3456


 72.7476, 0.4407,
0.3462


 17.0534, 0.5174,
0.3435


 95.7359, 0.4295,
0.3458

 10.2725, 0.5515,
0.3388


 123.1188, 0.4201,
0.3453

 5.5800, 0.5969,
0.3288

 155.2809, 0.4120,
0.3447

 2.5914, 0.6791,
0.3172

192.6064, 0.4051,
0.3441

 0.9224, 0.7389,
0.2611

235.4797, 0.3990,

 0.0000, 1.0000,

0.3435

0.0000

284.2853, 0.3937,
0.3430

■ 0.0000, 0.0000,
0.0000

■ 38.4175, 0.4707,
0.3464

■ 38.4175, 0.4707,
0.3464

■ 32.5895, 0.5151,
0.3476

■ 45.7131, 0.4301,
0.3439

■ 28.1234, 0.5595,
0.3468

■ 54.5602, 0.3950,
0.3407

■ 24.9094, 0.5979,
0.3437

■ 65.0437, 0.3657,
0.3373

■ 22.8172, 0.6243,
0.3386

■ 77.2406, 0.3417,
0.3339

■ 22.2167, 0.6319,
0.3365

■ 91.2229, 0.3222,
0.3307

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.



38.4175, 0.4209, 0.2893



38.4175, 0.4707, 0.3464



38.4175, 0.4687, 0.4063

Triad

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



38.4175, 0.4707, 0.3464



38.4175, 0.2723, 0.4465



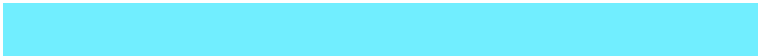
38.4175, 0.2025, 0.2062

Complementary

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



38.4175, 0.4707, 0.3464



71.8708, 0.2380, 0.3086

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.



38.4175, 0.1750, 0.2265



38.4175, 0.4707, 0.3464



38.4175, 0.2097, 0.3624

Square

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



38.4175, 0.4707, 0.3464



38.4175, 0.3502, 0.4821



38.4175, 0.1768, 0.2791



38.4175, 0.2588, 0.2128

Rectangle

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



38.4175, 0.4707, 0.3464



38.4175, 0.4416, 0.4434



38.4175, 0.1768, 0.2791



38.4175, 0.1901, 0.2097

Sweetspot

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



38.4195, 0.4707, 0.3464



75.5411, 0.3446, 0.3344



39.2673, 0.3342, 0.2095



15.6242, 0.3492, 0.3350



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.



38.4195, 0.4707, 0.3464



31.9284, 0.5211, 0.3476



64.0224, 0.4233, 0.4169



18.3375, 0.3291, 0.3319



11.7182, 0.6301, 0.3379



1.2474, 0.6136, 0.3510

Inverse Universe

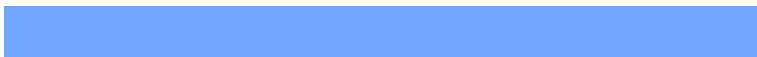
The Inverse Universe completely reimagines the original color for something new.



71.8708, 0.2380, 0.3086



68.2594, 0.2283, 0.3039



38.5253, 0.2186, 0.2173



20.0879, 0.2980, 0.3261



31.9019, 0.2141, 0.2907



3.2065, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 38.4175, 0.4707, 0.3464 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 38.4175, 0.4707, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

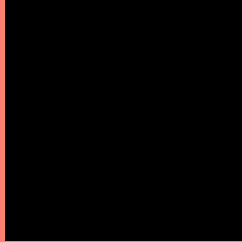
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4175, 0.4707, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 38.4175, 0.4707, 0.3464.



This preview shows how white text looks on a background with the Yxy color 38.4175, 0.4707, 0.3464.

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

38.4175, 0.4707, 0.3464

Protanopia

38.6874, 0.3573, 0.3824

Deuteranopia

38.6418, 0.4034, 0.3960



Tritanopia

38.4759, 0.4458, 0.3212

Trichromacy



Original Color

38.4175, 0.4707, 0.3464

Protanomaly

37.6631, 0.3974, 0.3688

Deuteranomaly

37.9928, 0.4288, 0.3755

Tritanomaly

38.5190, 0.4545, 0.3304

Monochromacy



Original Color

38.4175, 0.4707, 0.3464

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5376, 0.3663, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4175, 0.4707, 0.3464 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, 130, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 113)  
}
```

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, 130, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 113) }
```

Border

The CSS property to change the border of an element to Yxy 38.4175, 0.4707, 0.3464 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, 130, 113) }
```

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

```
.border{ border-color:rgb(255, 130, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 113); box-shadow:4px 4px 4px 4px rgb(255, 130, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4175, 0.4707, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 113) }
```

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

```
.background{ background-color: rgb(255,  
130, 113) }
```

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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