

Converting Colors

$Y_{xy}(67.8957, 0.5106, 0.3373)$

Have a look what the booklet for
Yxy(67.8957, 0.5106, 0.3373)
contains.

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Color

Yxy(43.8767, 0.4366, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FF9387
RGB	255, 147, 135
RGB Percent	100%, 58%, 53%
CMY	0.0000, 0.4235, 0.4705
CMYK	0.00, 0.42, 0.47, 0.00
HSL	6°, 100%, 76%
HSV	6°, 47%, 100%
XYZ	56.0461, 43.8767, 28.4467
YIQ	177.9240, 68.2200, 19.1640

Conversions

Conversions Part 2

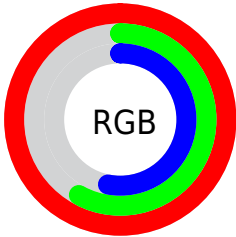
Format	Color
R _Y B	255, 148, 135
Decimal	16749447
CIE Lab	72.15, 39.34, 24.12
CIE LCh	72, 46.147, 31.512
Yxy	43.8767, 0.4366, 0.3418
Android (android.graphics.Color)	4294939527 (0xFFFF9387)
YUV	177.9240, -21.1615, 67.5957
Hunter-Lab	66.2395, 35.1122, 20.9054

Details

The Yxy color **43.8767, 0.4366, 0.3418** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.4796, 0.2475, 0.3150**, and the grayscale version is **44.5682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1319, 0.3657, 0.3437**, and **20.2634, 0.4736, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **36.8037, 0.4786, 0.3438**, and if you desaturate by 10%, it is **52.5502, 0.4002, 0.3392**.

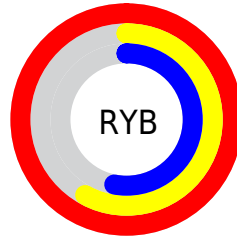
Distribution



Red (100%)

Green (58%)

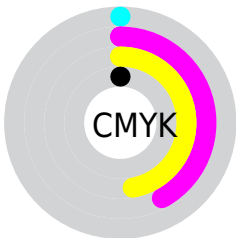
Blue (53%)



Red (100%)

Yellow (58%)

Blue (53%)

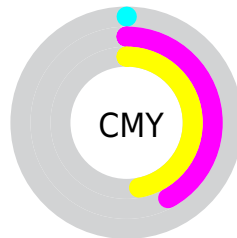


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8767, 0.4366, 0.3418 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 43.8767, 0.4366, 0.3418 by changing the saturation by 10% instead.


 43.8767, 0.4366,
0.3418


 43.8767, 0.4366,
0.3418

362.2049, 0.3735,
0.3383


 30.5736, 0.4524,
0.3417

 81.0322, 0.4136,
0.3412

 20.2744, 0.4726,
0.3410


 105.6533, 0.4049,
0.3408

 12.5946, 0.4992,
0.3391


 134.8159, 0.3977,
0.3404

 7.1500, 0.5353,
0.3346

168.9044, 0.3914,
0.3399

 3.5561, 0.5863,
0.3241

208.3032, 0.3860,
0.3395

 1.4285, 0.6882,
0.3118

253.3966, 0.3813,

 0.2376, 0.8387,

0.3391

0.1613

304.5690, 0.3772,
0.3387

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.8767, 0.4366,
0.3418

■ 43.8767, 0.4366,
0.3418

■ 36.8037, 0.4786,
0.3438

■ 52.5502, 0.4002,
0.3392

■ 31.2267, 0.5240,
0.3445

■ 62.9068, 0.3698,
0.3364

■ 27.0398, 0.5684,
0.3435

■ 75.0314, 0.3448,
0.3335

■ 24.1198, 0.6054,
0.3405

■ 89.0014, 0.3246,
0.3308

■ 22.3213, 0.6291,
0.3359

99.9984, 0.3127,
0.3290

■ 21.9738, 0.6339,
0.3349

Harmonies

Analogous

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



43.8767, 0.3939, 0.2938



43.8767, 0.4366, 0.3418



43.8767, 0.4406, 0.3915

Triad

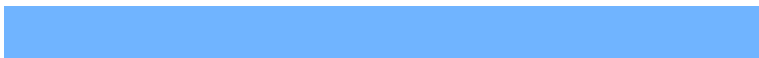
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.8767, 0.4366, 0.3418



43.8767, 0.2872, 0.4240



43.8767, 0.2195, 0.2288

Complementary

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



43.8767, 0.4366, 0.3418



76.4796, 0.2475, 0.3150

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.



43.8767, 0.1982, 0.2495



43.8767, 0.4366, 0.3418



43.8767, 0.2336, 0.3623

Square

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



43.8767, 0.4366, 0.3418



43.8767, 0.3510, 0.4497



43.8767, 0.2027, 0.2960



43.8767, 0.2649, 0.2317

Rectangle

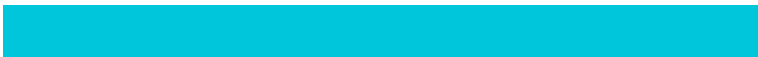
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8767, 0.4366, 0.3418



43.8767, 0.4220, 0.4210



43.8767, 0.2027, 0.2960



43.8767, 0.2096, 0.2329

Sweetspot

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



43.8789, 0.4366, 0.3418



79.0939, 0.3382, 0.3327



45.1864, 0.3267, 0.2224



16.3105, 0.3429, 0.3333



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.



43.8789, 0.4366, 0.3418



37.4746, 0.4740, 0.3436



66.6743, 0.4054, 0.4008



18.2788, 0.3292, 0.3314



11.5780, 0.6324, 0.3361



1.2198, 0.6177, 0.3477

Inverse Universe

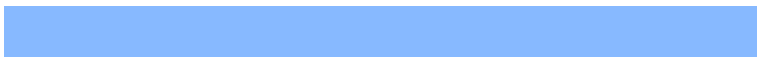
The Inverse Universe completely reimagines the original color for something new.



76.4796, 0.2475, 0.3150



73.4331, 0.2385, 0.3120



47.0759, 0.2343, 0.2430



20.1530, 0.2980, 0.3266



33.3341, 0.2159, 0.2973



3.3316, 0.2170, 0.3012

Previews

White Background



This preview shows how the Yxy color 43.8767, 0.4366, 0.3418 looks on a white background.

Color Contrast Check

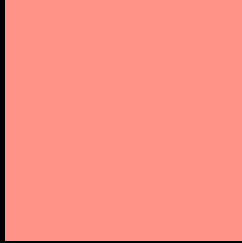
Large Text (above 18pt) WCAG AA × Fail

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 43.8767, 0.4366, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

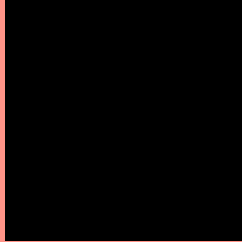
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8767, 0.4366, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 43.8767, 0.4366, 0.3418.



This preview shows how white text looks on a background with the Yxy color 43.8767, 0.4366, 0.3418.

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

43.8767, 0.4366, 0.3418

Protanopia

44.1790, 0.3453, 0.3664

Deuteranopia

44.0898, 0.3859, 0.3776



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.8767, 0.4366, 0.3418

Protanomaly

43.2831, 0.3774, 0.3564

Deuteranomaly

43.6754, 0.4043, 0.3645

Tritanomaly

43.9559, 0.4233, 0.3272

Monochromacy



Original Color

43.8767, 0.4366, 0.3418

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.3679, 0.3542, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8767, 0.4366, 0.3418 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, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 135)  
}
```

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, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 135) }
```

Border

The CSS property to change the border of an element to Yxy 43.8767, 0.4366, 0.3418 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, 147, 135) }
```

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

```
.border{ border-color:rgb(255, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8767, 0.4366, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 135) }
```

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

```
.background{ background-color: rgb(255,  
147, 135) }
```

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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