

Converting Colors

$Y_{xy}(43.9749, 0.4408, 0.3412)$

Have a look what the booklet for
Yxy(43.9749, 0.4408, 0.3412)
contains.

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Color

Yxy(43.5390, 0.4382, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FF9286
RGB	255, 146, 134
RGB Percent	100%, 57%, 53%
CMY	0.0001, 0.4274, 0.4744
CMYK	0.00, 0.43, 0.47, 0.00
HSL	6°, 100%, 76%
HSV	6°, 47%, 100%
XYZ	55.8186, 43.5390, 28.0239
YIQ	177.2230, 68.8160, 19.3760

Conversions

Conversions Part 2

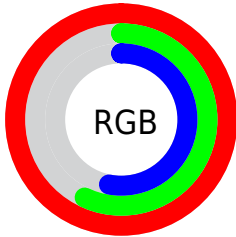
Format	Color
R _Y B	255, 147, 134
Decimal	16749190
CIE Lab	71.92, 39.75, 24.37
CIE LCh	72, 46.624, 31.507
Yxy	43.5390, 0.4382, 0.3418
Android (android.graphics.Color)	4294939270 (0xFFFF9286)
YUV	177.2230, -21.3089, 68.2104
Hunter-Lab	65.9841, 35.5281, 21.0080

Details

The Yxy color **43.5390, 0.4382, 0.3418** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.3841, 0.2471, 0.3150**, and the grayscale version is **44.1796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6211, 0.3668, 0.3437**, and **20.0709, 0.4759, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **36.5279, 0.4804, 0.3437**, and if you desaturate by 10%, it is **52.1487, 0.4015, 0.3392**.

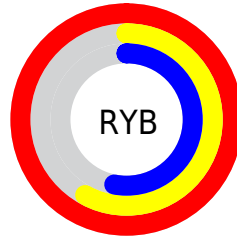
Distribution



Red (100%)

Green (57%)

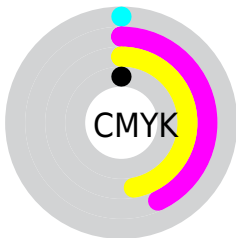
Blue (53%)



Red (100%)

Yellow (58%)

Blue (53%)

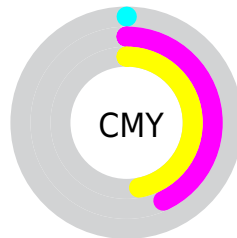


Cyan (0%)

Magenta (43%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5390, 0.4382, 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 43.5390, 0.4382, 0.3418 by changing the saturation by 10% instead.

 43.5390, 0.4382,
0.3418


 43.5390, 0.4382,
0.3418

360.8237, 0.3742,
0.3384


 30.3083, 0.4542,
0.3417


 80.5236, 0.4148,
0.3413

 20.0727, 0.4747,
0.3409


 105.0462, 0.4061,
0.3409

 12.4479, 0.5017,
0.3389


 134.1016, 0.3987,
0.3404

 7.0495, 0.5384,
0.3341

168.0742, 0.3924,
0.3400

 3.4931, 0.5901,
0.3231

207.3483, 0.3869,
0.3395

 1.3942, 0.6911,
0.3089

252.3083, 0.3822,

 0.2125, 0.8514,

0.3391

0.1486

303.3386, 0.3780,
0.3387

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5390, 0.4382,
0.3418

43.5390, 0.4382,
0.3418

36.5279, 0.4804,
0.3437

52.1487, 0.4015,
0.3392

31.0105, 0.5259,
0.3444

62.4403, 0.3709,
0.3364

26.8800, 0.5702,
0.3433

74.4990, 0.3457,
0.3336

24.0121, 0.6067,
0.3402

88.4025, 0.3253,
0.3309

■ 22.2597, 0.6299,
0.3357

99.9968, 0.3127,
0.3290

■ 21.9641, 0.6340,
0.3348

Harmonies

Analogous

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



43.5390, 0.3949, 0.2934



43.5390, 0.4382, 0.3418



43.5390, 0.4421, 0.3920

Triad

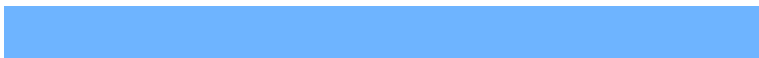
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.5390, 0.4382, 0.3418



43.5390, 0.2868, 0.4254



43.5390, 0.2184, 0.2276

Complementary

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



43.5390, 0.4382, 0.3418



76.3841, 0.2471, 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.



43.5390, 0.1970, 0.2485



43.5390, 0.4382, 0.3418



43.5390, 0.2326, 0.3628

Square

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



43.5390, 0.4382, 0.3418



43.5390, 0.3514, 0.4513



43.5390, 0.2014, 0.2955



43.5390, 0.2643, 0.2307

Rectangle

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



43.5390, 0.4382, 0.3418



43.5390, 0.4233, 0.4219



43.5390, 0.2014, 0.2955



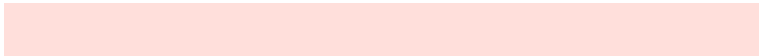
43.5390, 0.2085, 0.2317

Sweetspot

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



43.5412, 0.4382, 0.3418



79.0800, 0.3382, 0.3326



44.8998, 0.3269, 0.2216



16.3071, 0.3429, 0.3332



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.



43.5412, 0.4382, 0.3418



36.8089, 0.4785, 0.3436



66.4419, 0.4063, 0.4013



18.2766, 0.3292, 0.3314



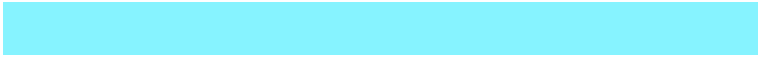
11.5733, 0.6324, 0.3360



1.2188, 0.6179, 0.3476

Inverse Universe

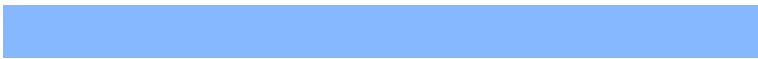
The Inverse Universe completely reimagines the original color for something new.



76.3841, 0.2471, 0.3150



73.1799, 0.2376, 0.3117



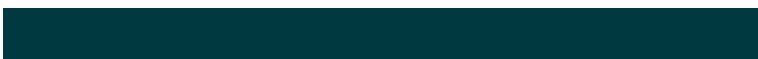
46.7459, 0.2336, 0.2421



20.1554, 0.2980, 0.3266



33.3873, 0.2160, 0.2975



3.3362, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 43.5390, 0.4382, 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 43.5390, 0.4382, 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 43.5390, 0.4382, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 43.5390, 0.4382, 0.3418.



This preview shows how white text looks on a background with the Yxy color 43.5390, 0.4382, 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

43.5390, 0.4382, 0.3418

Protanopia

43.6279, 0.3455, 0.3666

Deuteranopia

43.5429, 0.3863, 0.3779



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.5390, 0.4382, 0.3418

Protanomaly

42.7423, 0.3777, 0.3566

Deuteranomaly

43.2972, 0.4058, 0.3645

Tritanomaly

43.6174, 0.4249, 0.3272

Monochromacy



Original Color

43.5390, 0.4382, 0.3418

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8248, 0.3544, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5390, 0.4382, 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, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 134)  
}
```

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, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 134) }
```

Border

The CSS property to change the border of an element to Yxy 43.5390, 0.4382, 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, 146, 134) }
```

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

```
.border{ border-color:rgb(255, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 134); box-shadow:4px 4px 4px 4px rgb(255, 146, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5390, 0.4382, 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, 146, 134) }
```

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

```
.background{ background-color: rgb(255,  
146, 134) }
```

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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