

Converting Colors

Yxy(58.3483, 0.4842, 0.3604)

Have a look what the booklet for
Yxy(58.3483, 0.4842, 0.3604)
contains.

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Color

Yxy(47.4368, 0.4434, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	FF9F79
RGB	255, 159, 121
RGB Percent	100%, 62%, 47%
CMY	0.0000, 0.3765, 0.5255
CMYK	0.00, 0.38, 0.53, 0.00
HSL	17°, 100%, 74%
HSV	17°, 53%, 100%
XYZ	57.0941, 47.4368, 24.2335
YIQ	183.3720, 69.4140, 8.5340

Conversions

Conversions Part 2

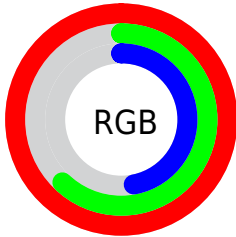
Format	Color
R _{YB}	255, 174, 121
Decimal	16752505
CIE Lab	74.47, 31.93, 34.78
CIE LCh	74, 47.211, 47.444
Yxy	47.4368, 0.4434, 0.3684
Android (android.graphics.Color)	4294942585 (0xFFFF9F79)
YUV	183.3720, -30.7494, 62.8178
Hunter-Lab	68.8744, 27.4393, 27.3509

Details

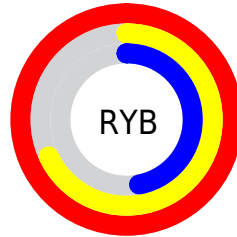
The Yxy color **47.4368, 0.4434, 0.3684** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.9079, 0.2357, 0.2828**, and the grayscale version is **47.7102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4091, 0.3730, 0.3704**, and **22.5854, 0.4784, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **41.0652, 0.4803, 0.3734**, and if you desaturate by 10%, it is **54.9000, 0.4099, 0.3615**.

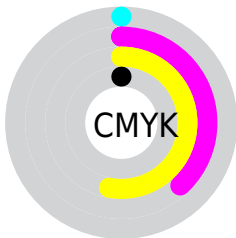
Distribution



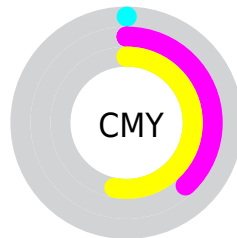
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4368, 0.4434, 0.3684 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 47.4368, 0.4434, 0.3684 by changing the saturation by 10% instead.


 47.4368, 0.4434,
0.3684


 47.4368, 0.4434,
0.3684


376.5554, 0.3782,
0.3527


 33.3811, 0.4591,
0.3709


 86.3653, 0.4200,
0.3637

 22.4185, 0.4789,
0.3733


 112.0068, 0.4111,
0.3616

 14.1648, 0.5041,
0.3750


 142.2791, 0.4036,
0.3598

 8.2354, 0.5371,
0.3747

177.5665, 0.3971,
0.3581

 4.2459, 0.5838,
0.3709

218.2534, 0.3914,
0.3565

 1.8121, 0.6461,
0.3539

264.7243, 0.3865,

 0.4947, 0.7273,

0.3551

0.2727

317.3635, 0.3821,
0.3538

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4368, 0.4434,
0.3684

47.4368, 0.4434,
0.3684

41.0652, 0.4803,
0.3734

54.9000, 0.4099,
0.3615

35.7346, 0.5186,
0.3754

63.5081, 0.3806,
0.3538

31.3851, 0.5551,
0.3732

73.3068, 0.3556,
0.3458

27.9505, 0.5857,
0.3664

84.3401, 0.3345,
0.3381

■ 25.9359, 0.6034,
0.3591

■ 96.6497, 0.3168,
0.3308

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.



47.4368, 0.4205, 0.3187



47.4368, 0.4434, 0.3684



47.4368, 0.4266, 0.4152

Triad

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



47.4368, 0.4434, 0.3684



47.4368, 0.2566, 0.3938



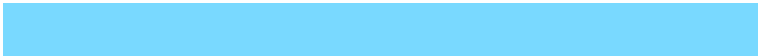
47.4368, 0.2410, 0.2279

Complementary

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



47.4368, 0.4434, 0.3684



60.9079, 0.2357, 0.2828

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.



47.4368, 0.2067, 0.2356



47.4368, 0.4434, 0.3684



47.4368, 0.2142, 0.3257

Square

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



47.4368, 0.4434, 0.3684



47.4368, 0.3170, 0.4413



47.4368, 0.1974, 0.2683



47.4368, 0.2972, 0.2420

Rectangle

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



47.4368, 0.4434, 0.3684



47.4368, 0.3976, 0.4387



47.4368, 0.1974, 0.2683



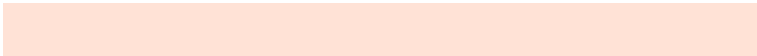
47.4368, 0.2269, 0.2279

Sweetspot

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



47.4357, 0.4434, 0.3684



80.3934, 0.3413, 0.3407



39.9444, 0.3550, 0.2340



16.7185, 0.3456, 0.3423



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.



47.4357, 0.4434, 0.3684



40.8044, 0.4820, 0.3736



77.0141, 0.4037, 0.4325



18.8258, 0.3287, 0.3358



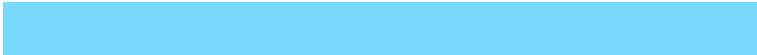
13.7694, 0.6005, 0.3614



1.5168, 0.5785, 0.3789

Inverse Universe

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



60.9079, 0.2357, 0.2828



55.4352, 0.2236, 0.2718



33.1060, 0.2180, 0.1959



19.5596, 0.2980, 0.3221



21.6672, 0.1983, 0.2337



2.2957, 0.2017, 0.2459

Previews

White Background



This preview shows how the Yxy color 47.4368, 0.4434, 0.3684 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 47.4368, 0.4434, 0.3684 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 47.4368, 0.4434, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 47.4368, 0.4434, 0.3684.



This preview shows how white text looks on a background with the Yxy color 47.4368, 0.4434, 0.3684.

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

47.4368, 0.4434, 0.3684

Protanopia

47.5114, 0.3689, 0.3955

Deuteranopia

47.3401, 0.4052, 0.3962



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.4368, 0.4434, 0.3684

Protanomaly

46.8645, 0.3961, 0.3853

Deuteranomaly

47.0315, 0.4191, 0.3855

Tritanomaly

47.2389, 0.4166, 0.3356

Monochromacy



Original Color

47.4368, 0.4434, 0.3684

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3655, 0.3570, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4368, 0.4434, 0.3684 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, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 121)  
}
```

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, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 121) }
```

Border

The CSS property to change the border of an element to Yxy 47.4368, 0.4434, 0.3684 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, 159, 121) }
```

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

```
.border{ border-color:rgb(255, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 121); box-shadow:4px 4px 4px 4px rgb(255, 159, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4368, 0.4434, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 121) }
```

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

```
.background{ background-color: rgb(255,  
159, 121) }
```

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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