

Converting Colors

Yxy(50.0734, 0.4270, 0.3529)

Have a look what the booklet for
Yxy(50.0734, 0.4270, 0.3529)
contains.

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Color

Yxy(49.3478, 0.4230, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FFA38C
RGB	255, 163, 140
RGB Percent	100%, 64%, 55%
CMY	0.0001, 0.3607, 0.4510
CMYK	0.00, 0.36, 0.45, 0.00
HSL	12°, 100%, 77%
HSV	12°, 45%, 100%
XYZ	59.0666, 49.3478, 31.2229
YIQ	187.8860, 62.2150, 12.3510

Conversions

Conversions Part 2

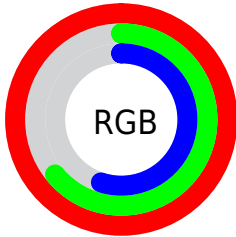
Format	Color
R _Y B	255, 169, 140
Decimal	16753548
CIE Lab	75.67, 31.56, 26.16
CIE LCh	76, 40.996, 39.651
Yxy	49.3478, 0.4230, 0.3534
Android (android.graphics.Color)	4294943628 (0xFFFFA38C)
YUV	187.8860, -23.6078, 58.8590
Hunter-Lab	70.2480, 27.1540, 22.8212

Details

The Yxy color **49.3478, 0.4230, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4912, 0.2473, 0.3021**, and the grayscale version is **50.3331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8181, 0.3570, 0.3547**, and **23.4921, 0.4531, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **42.0145, 0.4605, 0.3578**, and if you desaturate by 10%, it is **58.0282, 0.3904, 0.3480**.

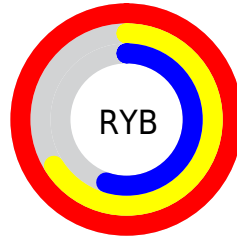
Distribution



Red (100%)

Green (64%)

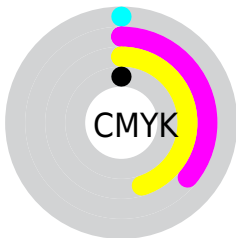
Blue (55%)



Red (100%)

Yellow (66%)

Blue (55%)

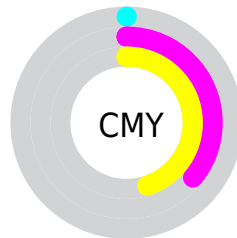


Cyan (0%)

Magenta (36%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3478, 0.4230, 0.3534 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 49.3478, 0.4230, 0.3534 by changing the saturation by 10% instead.


 49.3478, 0.4230,
0.3534

 49.3478, 0.4230,
0.3534


384.1099, 0.3680,
0.3438

 34.8955, 0.4365,
0.3549


 89.2078, 0.4031,
0.3506

 23.5824, 0.4535,
0.3564


 115.3842, 0.3956,
0.3493

 15.0241, 0.4757,
0.3575


 146.2375, 0.3893,
0.3482

 8.8363, 0.5055,
0.3574

182.1520, 0.3838,
0.3471

 4.6346, 0.5469,
0.3540

223.5121, 0.3790,
0.3462

 2.0345, 0.6328,
0.3567

270.7022, 0.3749,

 0.6274, 0.7028,

0.3453

0.2972

324.1066, 0.3712,
0.3446

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.3478, 0.4230,
0.3534

■ 49.3478, 0.4230,
0.3534

■ 42.0145, 0.4605,
0.3578

■ 58.0282, 0.3904,
0.3480

■ 35.9528, 0.5016,
0.3605

■ 68.1116, 0.3629,
0.3424

■ 31.0910, 0.5434,
0.3604

■ 79.6594, 0.3400,
0.3368

■ 27.3468, 0.5812,
0.3567

■ 92.7274, 0.3210,
0.3315

■ 24.6266, 0.6100,
0.3495

99.9970, 0.3127,
0.3290

■ 23.6277, 0.6204,
0.3456

Harmonies

Analogous

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



49.3478, 0.3946, 0.3100



49.3478, 0.4230, 0.3534



49.3478, 0.4180, 0.3954

Triad

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



49.3478, 0.4230, 0.3534



49.3478, 0.2775, 0.3970



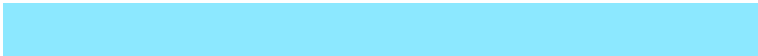
49.3478, 0.2408, 0.2406

Complementary

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



49.3478, 0.4230, 0.3534



70.4912, 0.2473, 0.3021

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.



49.3478, 0.2159, 0.2536



49.3478, 0.4230, 0.3534



49.3478, 0.2351, 0.3419

Square

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



49.3478, 0.4230, 0.3534



49.3478, 0.3319, 0.4288



49.3478, 0.2137, 0.2887



49.3478, 0.2857, 0.2480

Rectangle

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



49.3478, 0.4230, 0.3534



49.3478, 0.3977, 0.4176



49.3478, 0.2137, 0.2887



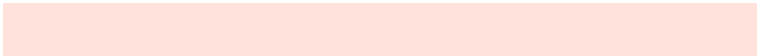
49.3478, 0.2301, 0.2425

Sweetspot

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



49.3503, 0.4230, 0.3534



81.0255, 0.3377, 0.3362



45.8391, 0.3381, 0.2378



16.7746, 0.3422, 0.3374



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.



49.3503, 0.4230, 0.3534



42.7596, 0.4562, 0.3574



74.5942, 0.3945, 0.4105



18.5756, 0.3289, 0.3338



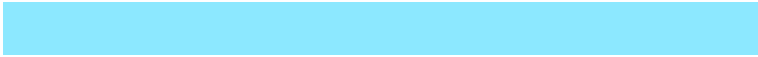
12.5129, 0.6180, 0.3475



1.3634, 0.5975, 0.3638

Inverse Universe

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



70.4912, 0.2473, 0.3021



66.2016, 0.2369, 0.2958



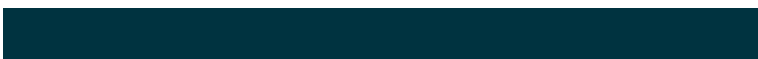
43.2588, 0.2346, 0.2301



19.8274, 0.2980, 0.3241



26.5457, 0.2065, 0.2633



2.7341, 0.2088, 0.2716

Previews

White Background



This preview shows how the Yxy color 49.3478, 0.4230, 0.3534 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 49.3478, 0.4230, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

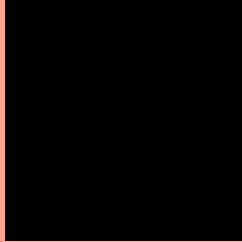
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3478, 0.4230, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 49.3478, 0.4230, 0.3534.



This preview shows how white text looks on a background with the Yxy color 49.3478, 0.4230, 0.3534.

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

49.3478, 0.4230, 0.3534

Protanopia

49.7808, 0.3511, 0.3747

Deuteranopia

49.4185, 0.3869, 0.3789



Tritanopia

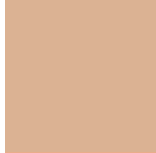
49.3419, 0.3937, 0.3177

Trichromacy



Original Color

49.3478, 0.4230, 0.3534



Protanomaly

49.0074, 0.3766, 0.3662



Deuteranomaly

49.0458, 0.3998, 0.3691



Tritanomaly

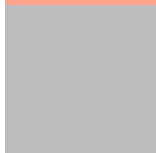
49.2878, 0.4043, 0.3303

Monochromacy



Original Color

49.3478, 0.4230, 0.3534



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

49.1775, 0.3488, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3478, 0.4230, 0.3534 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, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 140)  
}
```

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, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 140) }
```

Border

The CSS property to change the border of an element to Yxy 49.3478, 0.4230, 0.3534 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, 163, 140) }
```

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

```
.border{ border-color:rgb(255, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3478, 0.4230, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 140) }
```

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

```
.background{ background-color: rgb(255,  
163, 140) }
```

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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