

Converting Colors

$Y_{xy}(52.3730, 0.4340, 0.3499)$

Have a look what the booklet for
Yxy(52.3730, 0.4340, 0.3499)
contains.

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Color

Yxy(49.4074, 0.4211, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	FFA38E
RGB	255, 163, 142
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3608, 0.4431
CMYK	0.00, 0.36, 0.44, 0.00
HSL	11°, 100%, 78%
HSV	11°, 44%, 100%
XYZ	59.2242, 49.4074, 32.0100
YIQ	188.1140, 61.5730, 12.9730

Conversions

Conversions Part 2

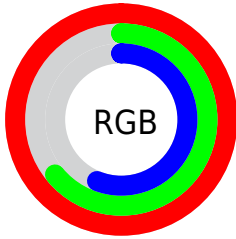
Format	Color
R_{YB}	255, 168, 142
Decimal	16753550
CIE _{Lab}	75.70, 31.79, 25.12
CIE _{LCh}	76, 40.516, 38.325
Yxy	49.4074, 0.4211, 0.3513
Android (android.graphics.Color)	4294943630 (0xFFFFA38E)
YUV	188.1140, -22.7342, 58.6590
Hunter-Lab	70.2904, 27.3895, 22.2028

Details

The Yxy color **49.4074, 0.4211, 0.3513** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8244, 0.2486, 0.3045**, and the grayscale version is **50.4622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9086, 0.3555, 0.3526**, and **23.5267, 0.4505, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **41.9489, 0.4587, 0.3555**, and if you desaturate by 10%, it is **58.2511, 0.3885, 0.3463**.

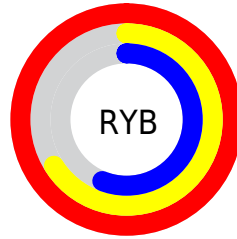
Distribution



Red (100%)

Green (64%)

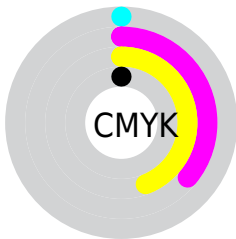
Blue (56%)



Red (100%)

Yellow (66%)

Blue (56%)

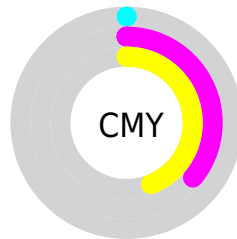


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4074, 0.4211, 0.3513 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 49.4074, 0.4211, 0.3513 by changing the saturation by 10% instead.


 49.4074, 0.4211,
0.3513


 49.4074, 0.4211,
0.3513


384.3440, 0.3670,
0.3427


 34.9428, 0.4344,
0.3526


 89.2962, 0.4016,
0.3488

 23.6188, 0.4512,
0.3539


 115.4892, 0.3942,
0.3476

 15.0511, 0.4731,
0.3548


 146.3604, 0.3879,
0.3466

 8.8552, 0.5026,
0.3545

182.2943, 0.3825,
0.3457

 4.6469, 0.5437,
0.3510

223.6752, 0.3779,
0.3448

 2.0416, 0.6252,
0.3513

270.8875, 0.3738,

 0.6315, 0.7033,

0.3440

0.2967

324.3156, 0.3702,
0.3433

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.4074, 0.4211,
0.3513

49.4074, 0.4211,
0.3513

41.9489, 0.4587,
0.3555

58.2511, 0.3885,
0.3463

35.8052, 0.5002,
0.3580

68.5466, 0.3611,
0.3410

30.8984, 0.5426,
0.3580

80.3554, 0.3384,
0.3359

27.1425, 0.5813,
0.3547

93.7355, 0.3197,
0.3310

■ 24.4397, 0.6108,
0.3480

100.0000, 0.3127,
0.3290

■ 23.3224, 0.6229,
0.3436

Harmonies

Analogous

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



49.4074, 0.3917, 0.3084



49.4074, 0.4211, 0.3513



49.4074, 0.4177, 0.3931

Triad

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



49.4074, 0.4211, 0.3513



49.4074, 0.2802, 0.3981



49.4074, 0.2401, 0.2417

Complementary

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



49.4074, 0.4211, 0.3513



71.8244, 0.2486, 0.3045

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.



49.4074, 0.2163, 0.2555



49.4074, 0.4211, 0.3513



49.4074, 0.2375, 0.3443

Square

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



49.4074, 0.4211, 0.3513



49.4074, 0.3341, 0.4281



49.4074, 0.2152, 0.2912



49.4074, 0.2838, 0.2481

Rectangle

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



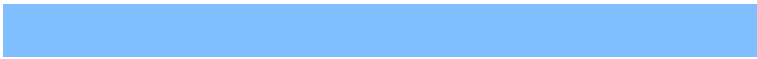
49.4074, 0.4211, 0.3513



49.4074, 0.3984, 0.4154



49.4074, 0.2152, 0.2912



49.4074, 0.2297, 0.2439

Sweetspot

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



49.4072, 0.4211, 0.3513



82.0169, 0.3358, 0.3352



46.5661, 0.3358, 0.2376



16.9589, 0.3403, 0.3363



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.



49.4072, 0.4211, 0.3513



42.8492, 0.4535, 0.3550



73.9913, 0.3938, 0.4074



18.5327, 0.3290, 0.3335



12.3420, 0.6205, 0.3455



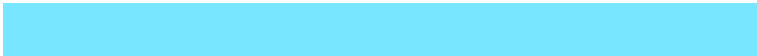
1.3407, 0.6005, 0.3614

Inverse Universe

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



71.8244, 0.2486, 0.3045



67.7381, 0.2385, 0.2989



44.7293, 0.2364, 0.2346



19.8739, 0.2980, 0.3245



27.4575, 0.2079, 0.2683



2.8151, 0.2100, 0.2760

Previews

White Background



This preview shows how the Yxy color 49.4074, 0.4211, 0.3513 looks on a white background.

Color Contrast Check

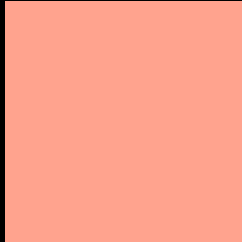
Large Text (above 18pt) WCAG AA × Fail

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 49.4074, 0.4211, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

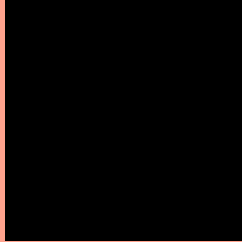
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4074, 0.4211, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 49.4074, 0.4211, 0.3513.



This preview shows how white text looks on a background with the Yxy color 49.4074, 0.4211, 0.3513.

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

49.4074, 0.4211, 0.3513

Protanopia

49.8463, 0.3495, 0.3721

Deuteranopia

49.4764, 0.3851, 0.3766



Tritanopia

49.3419, 0.3937, 0.3177

Trichromacy



Original Color

49.4074, 0.4211, 0.3513



Protanomaly

49.0708, 0.3749, 0.3638



Deuteranomaly

49.1042, 0.3980, 0.3668



Tritanomaly

49.2878, 0.4043, 0.3303

Monochromacy



Original Color

49.4074, 0.4211, 0.3513



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 49.4074, 0.4211, 0.3513 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 142) }
```

Border

The CSS property to change the border of an element to Yxy 49.4074, 0.4211, 0.3513 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, 142) }
```

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

```
.border{ border-color:rgb(255, 163, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4074, 0.4211, 0.3513 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
163, 142) }
```

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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