

Converting Colors

$Y_{xy}(41.5212, 0.4389, 0.3399)$

Have a look what the booklet for
Yxy(41.5212, 0.4389, 0.3399)
contains.

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Color

Yxy(41.5212, 0.4389, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	FB8E84
RGB	251, 142, 132
RGB Percent	98%, 56%, 52%
CMY	0.0158, 0.4430, 0.4823
CMYK	0.00, 0.43, 0.47, 0.02
HSL	5°, 94%, 75%
HSV	5°, 47%, 98%
XYZ	53.6148, 41.5212, 27.0212
YIQ	173.4510, 68.1740, 19.9980

Conversions

Conversions Part 2

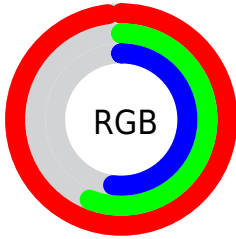
Format	Color
R _Y B	251, 143, 132
Decimal	16486020
CIE Lab	70.54, 40.11, 23.52
CIE LCh	71, 46.502, 30.388
Yxy	41.5212, 0.4389, 0.3399
Android (android.graphics.Color)	4294676100 (0xFFFB8E84)
YUV	173.4510, -20.4353, 68.0105
Hunter-Lab	64.4369, 35.7562, 20.2430

Details

The Yxy color **41.5212, 0.4389, 0.3399** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.7555, 0.2476, 0.3171**, and the grayscale version is **42.1145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6953, 0.3695, 0.3417**, and **18.8303, 0.4778, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **34.7667, 0.4816, 0.3415**, and if you desaturate by 10%, it is **49.8553, 0.4019, 0.3377**.

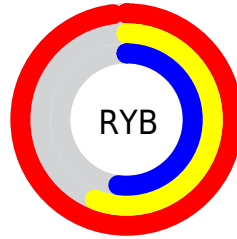
Distribution



Red (98%)

Green (56%)

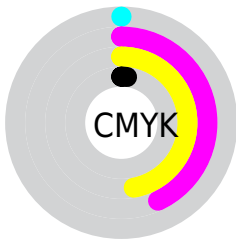
Blue (52%)



Red (98%)

Yellow (56%)

Blue (52%)

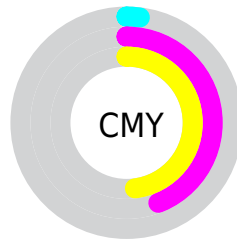


Cyan (0%)

Magenta (43%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (44%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5212, 0.4389, 0.3399 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 41.5212, 0.4389, 0.3399 by changing the saturation by 10% instead.


 41.5212, 0.4389,
0.3399


 41.5212, 0.4389,
0.3399

352.4943, 0.3741,
0.3374


 28.7266, 0.4553,
0.3395


 77.4745, 0.4151,
0.3397

 18.8741, 0.4764,
0.3384


 101.4019, 0.4062,
0.3394

 11.5793, 0.5043,
0.3359


 129.8090, 0.3987,
0.3391

 6.4579, 0.5426,
0.3304

163.0803, 0.3924,
0.3387

 3.1255, 0.5973,
0.3181

201.6000, 0.3868,
0.3384

 1.1976, 0.7008,
0.2992

245.7527, 0.3820,

 0.0597, 0.9462,

0.3380

0.0538

295.9226, 0.3778,
0.3377

0.0000, 0.0000,
0.0000

41.5212, 0.4389,
0.3399

41.5212, 0.4389,
0.3399

34.7667, 0.4816,
0.3415

49.8553, 0.4019,
0.3377

29.4862, 0.5276,
0.3421

59.8532, 0.3710,
0.3353

25.5710, 0.5721,
0.3411


71.6010, 0.3457,
0.3329

22.8949, 0.6086,
0.3384

85.1768, 0.3253,
0.3306

21.3070, 0.6312,
0.3345

99.2442, 0.3102,
0.3290

 21.0452, 0.6352,
0.3338

Harmonies

Analogous

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



41.5212, 0.3937, 0.2912



41.5212, 0.4389, 0.3399



41.5212, 0.4444, 0.3908

Triad

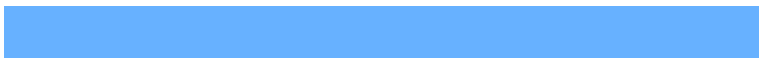
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.5212, 0.4389, 0.3399



41.5212, 0.2888, 0.4286



41.5212, 0.2161, 0.2268

Complementary

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



41.5212, 0.4389, 0.3399



74.7555, 0.2476, 0.3171

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.



41.5212, 0.1953, 0.2487



41.5212, 0.4389, 0.3399



41.5212, 0.2332, 0.3659

Square

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



41.5212, 0.4389, 0.3399



41.5212, 0.3542, 0.4530



41.5212, 0.2008, 0.2972



41.5212, 0.2615, 0.2290

Rectangle

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



41.5212, 0.4389, 0.3399



41.5212, 0.4261, 0.4214



41.5212, 0.2008, 0.2972



41.5212, 0.2063, 0.2312

Sweetspot

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



41.5233, 0.4389, 0.3399



78.7952, 0.3383, 0.3321



43.3635, 0.3268, 0.2218



16.2388, 0.3430, 0.3326



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.



41.5233, 0.4389, 0.3399



36.2692, 0.4800, 0.3415



64.1325, 0.4062, 0.4012



17.4599, 0.3292, 0.3311



11.1477, 0.6338, 0.3349



1.1103, 0.6203, 0.3456

Inverse Universe

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



74.7555, 0.2476, 0.3171



74.4728, 0.2381, 0.3144



45.1525, 0.2337, 0.2423



19.3438, 0.2980, 0.3269



33.4774, 0.2173, 0.3024



3.1721, 0.2183, 0.3058

Previews

White Background



This preview shows how the Yxy color 41.5212, 0.4389, 0.3399 looks on a white background.

Color Contrast Check

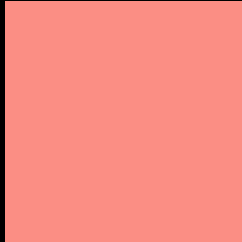
Large Text (above 18pt) WCAG AA × Fail

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 41.5212, 0.4389, 0.3399 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 41.5212, 0.4389, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 41.5212, 0.4389, 0.3399.



This preview shows how white text looks on a background with the Yxy color 41.5212, 0.4389, 0.3399.

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

41.5212, 0.4389, 0.3399

Protanopia

41.9075, 0.3442, 0.3659

Deuteranopia

41.6683, 0.3846, 0.3777



Tritanopia

41.3627, 0.4216, 0.3177

Trichromacy



Original Color

41.5212, 0.4389, 0.3399

Protanomaly

41.0291, 0.3769, 0.3558

Deuteranomaly

41.0711, 0.4050, 0.3629

Tritanomaly

41.4348, 0.4289, 0.3262

Monochromacy



Original Color

41.5212, 0.4389, 0.3399

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7268, 0.3544, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5212, 0.4389, 0.3399 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(251, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(251, 142, 132)  
}
```

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(251, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 142, 132) }
```

Border

The CSS property to change the border of an element to Yxy 41.5212, 0.4389, 0.3399 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(251, 142, 132) }
```

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

```
.border{ border-color:rgb(251, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(251, 142,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5212, 0.4389, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 142, 132) }
```

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

```
.background{ background-color: rgb(251,  
142, 132) }
```

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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