

Converting Colors

$Y_{xy}(50.1773, 0.4099, 0.3412)$

Have a look what the booklet for
Yxy(50.1773, 0.4099, 0.3412)
contains.

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Color

Yxy(50.1108, 0.4099, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FFA499
RGB	255, 164, 153
RGB Percent	100%, 64%, 60%
CMY	0.0002, 0.3567, 0.4000
CMYK	0.00, 0.36, 0.40, 0.00
HSL	6°, 100%, 80%
HSV	6°, 40%, 100%
XYZ	60.2535, 50.1108, 36.6313
YIQ	189.9550, 57.7670, 15.8710

Conversions

Conversions Part 2

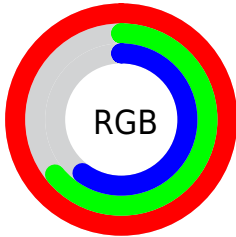
Format	Color
R_{YB}	255, 165, 153
Decimal	16753817
CIE _{Lab}	76.14, 32.38, 19.76
CIE _{LCh}	76, 37.930, 31.392
Yxy	50.1108, 0.4099, 0.3409
Android (android.graphics.Color)	4294943897 (0xFFFFA499)
YUV	189.9550, -18.2188, 57.0445
Hunter-Lab	70.7890, 28.0532, 18.8714

Details

The Yxy color **50.1108, 0.4099, 0.3409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6454, 0.2555, 0.3164**, and the grayscale version is **51.5489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9514, 0.3474, 0.3423**, and **24.0640, 0.4375, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **41.9336, 0.4478, 0.3436**, and if you desaturate by 10%, it is **59.9278, 0.3779, 0.3379**.

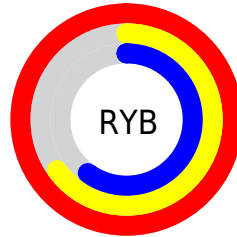
Distribution



Red (100%)

Green (64%)

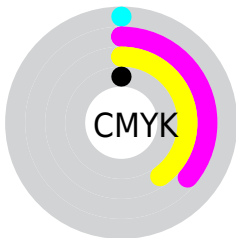
Blue (60%)



Red (100%)

Yellow (65%)

Blue (60%)

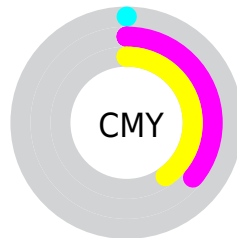


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1108, 0.4099, 0.3409 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 50.1108, 0.4099, 0.3409 by changing the saturation by 10% instead.


 50.1108, 0.4099,
0.3409

 50.1108, 0.4099,
0.3409

387.0991, 0.3614,
0.3368

 35.5014, 0.4218,
0.3413


 90.3390, 0.3924,
0.3398

 24.0494, 0.4370,
0.3416


 116.7267, 0.3858,
0.3393

 15.3703, 0.4570,
0.3414


147.8092, 0.3801,
0.3388

 9.0797, 0.4840,
0.3401

183.9710, 0.3753,
0.3384

 4.7932, 0.5226,
0.3361

225.5966, 0.3712,
0.3379

 2.1264, 0.5852,
0.3279

273.0701, 0.3675,

 0.6794, 0.7002,

0.3375

0.2998

326.7762, 0.3643,
0.3372

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1108, 0.4099,
0.3409

50.1108, 0.4099,
0.3409

41.9336, 0.4478,
0.3436

59.9278, 0.3779,
0.3379

35.2996, 0.4908,
0.3454

71.4593, 0.3516,
0.3348

30.1137, 0.5363,
0.3457

84.7847, 0.3301,
0.3318

26.2670, 0.5790,
0.3440

99.9760, 0.3127,
0.3290

■ 23.6353, 0.6127, 99.9921, 0.3127,
0.3403 0.3290

■ 22.0642, 0.6331,
0.3355

■ 22.0632, 0.6331,
0.3355

Harmonies

Analogous

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



50.1108, 0.3764, 0.3012



50.1108, 0.4099, 0.3409



50.1108, 0.4141, 0.3810

Triad

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



50.1108, 0.4099, 0.3409



50.1108, 0.2938, 0.4020



50.1108, 0.2377, 0.2484

Complementary

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



50.1108, 0.4099, 0.3409



78.6454, 0.2555, 0.3164

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.



50.1108, 0.2201, 0.2665



50.1108, 0.4099, 0.3409



50.1108, 0.2502, 0.3557

Square

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



50.1108, 0.4099, 0.3409



50.1108, 0.3448, 0.4228



50.1108, 0.2242, 0.3045



50.1108, 0.2749, 0.2501

Rectangle

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



50.1108, 0.4099, 0.3409



50.1108, 0.4004, 0.4037



50.1108, 0.2242, 0.3045



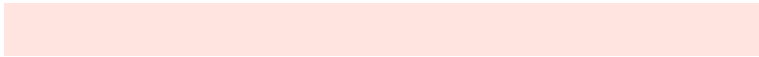
50.1108, 0.2295, 0.2521

Sweetspot

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



50.1133, 0.4099, 0.3409



81.9916, 0.3341, 0.3324



50.6113, 0.3258, 0.2387



17.1649, 0.3367, 0.3327



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.



50.1133, 0.4099, 0.3409



43.4524, 0.4398, 0.3431



71.7328, 0.3883, 0.3919



18.3033, 0.3292, 0.3316



11.6340, 0.6315, 0.3368



1.2314, 0.6160, 0.3491

Inverse Universe

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



78.6454, 0.2555, 0.3164



75.5326, 0.2463, 0.3135



52.4753, 0.2460, 0.2561



20.1258, 0.2980, 0.3264



32.7305, 0.2152, 0.2945



3.2789, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 50.1108, 0.4099, 0.3409 looks on a white background.

Color Contrast Check

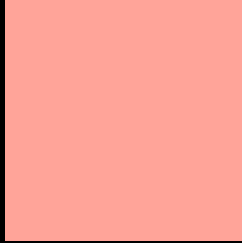
Large Text (above 18pt) WCAG AA × Fail

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 50.1108, 0.4099, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

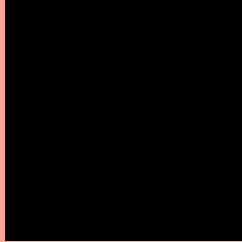
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1108, 0.4099, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 50.1108, 0.4099, 0.3409.



This preview shows how white text looks on a background with the Yxy color 50.1108, 0.4099, 0.3409.

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

50.1108, 0.4099, 0.3409

Protanopia

50.5534, 0.3386, 0.3581

Deuteranopia

50.3098, 0.3729, 0.3661



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1108, 0.4099, 0.3409



Protanomaly

49.7188, 0.3630, 0.3507



Deuteranomaly

50.0501, 0.3862, 0.3567



Tritanomaly

50.2076, 0.3976, 0.3261

Monochromacy



Original Color

50.1108, 0.4099, 0.3409



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.5182, 0.3449, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1108, 0.4099, 0.3409 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, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 153)  
}
```

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, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.1108, 0.4099, 0.3409 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, 164, 153) }
```

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

```
.border{ border-color:rgb(255, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1108, 0.4099, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 153) }
```

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

```
.background{ background-color: rgb(255,  
164, 153) }
```

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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