

Converting Colors

$Y_{xy}(49.1259, 0.4112, 0.3379)$

Have a look what the booklet for
Yxy(49.1259, 0.4112, 0.3379)
contains.

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Color

Yxy(49.0496, 0.4113, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FFA199
RGB	255, 161, 153
RGB Percent	100%, 63%, 60%
CMY	0.0000, 0.3686, 0.4000
CMYK	0.00, 0.37, 0.40, 0.00
HSL	5°, 100%, 80%
HSV	5°, 40%, 100%
XYZ	59.7397, 49.0496, 36.4568
YIQ	188.1940, 58.5920, 17.4400

Conversions

Conversions Part 2

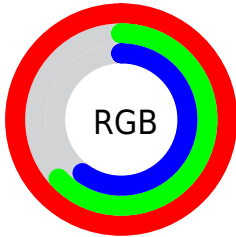
Format	Color
R_{YB}	255, 162, 153
Decimal	16753049
CIE _{Lab}	75.48, 33.98, 18.85
CIE _{LCh}	75, 38.855, 29.020
Yxy	49.0496, 0.4113, 0.3377
Android (android.graphics.Color)	4294943129 (0xFFFFA199)
YUV	188.1940, -17.3506, 58.5889
Hunter-Lab	70.0354, 29.6972, 18.1615

Details

The Yxy color **49.0496, 0.4113, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.5182, 0.2560, 0.3199**, and the grayscale version is **50.4791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3907, 0.3479, 0.3393**, and **23.4202, 0.4397, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **40.8379, 0.4501, 0.3396**, and if you desaturate by 10%, it is **58.9830, 0.3786, 0.3355**.

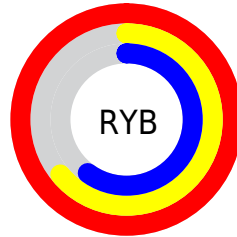
Distribution



Red (100%)

Green (63%)

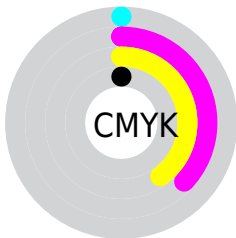
Blue (60%)



Red (100%)

Yellow (64%)

Blue (60%)

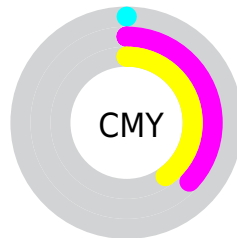


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0496, 0.4113, 0.3377 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 49.0496, 0.4113, 0.3377 by changing the saturation by 10% instead.

 49.0496, 0.4113,
0.3377


 49.0496, 0.4113,
0.3377


382.9376, 0.3619,
0.3352

 34.6588, 0.4235,
0.3378

 88.7651, 0.3934,
0.3372

 23.4002, 0.4391,
0.3375


 114.8586, 0.3867,
0.3369

 14.8893, 0.4596,
0.3367


145.6219, 0.3810,
0.3366

 8.7417, 0.4875,
0.3345

181.4392, 0.3761,
0.3363

 4.5731, 0.5275,
0.3293

222.6951, 0.3718,
0.3360

 1.9990, 0.5932,
0.3192

269.7738, 0.3681,

 0.6069, 0.7176,

0.3357

0.2824

323.0598, 0.3648,
0.3354

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0496, 0.4113,
0.3377

49.0496, 0.4113,
0.3377

40.8379, 0.4501,
0.3396

58.9830, 0.3786,
0.3355

34.2525, 0.4942,
0.3409

70.7315, 0.3519,
0.3332

29.1844, 0.5406,
0.3411

84.3782, 0.3302,
0.3310

25.5122, 0.5838,
0.3397

100.0000, 0.3127,
0.3290

■ 23.0959, 0.6169,
0.3368

■ 21.7599, 0.6357,
0.3334

■ 21.7598, 0.6357,
0.3334

Harmonies

Analogous

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



49.0496, 0.3747, 0.2974



49.0496, 0.4113, 0.3377



49.0496, 0.4181, 0.3792

Triad

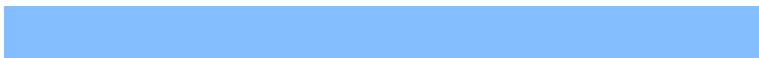
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.0496, 0.4113, 0.3377



49.0496, 0.2972, 0.4075



49.0496, 0.2333, 0.2467

Complementary

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



49.0496, 0.4113, 0.3377



80.5182, 0.2560, 0.3199

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.



49.0496, 0.2169, 0.2668



49.0496, 0.4113, 0.3377



49.0496, 0.2512, 0.3608

Square

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



49.0496, 0.4113, 0.3377



49.0496, 0.3497, 0.4262



49.0496, 0.2230, 0.3074



49.0496, 0.2701, 0.2470

Rectangle

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



49.0496, 0.4113, 0.3377



49.0496, 0.4053, 0.4033



49.0496, 0.2230, 0.3074



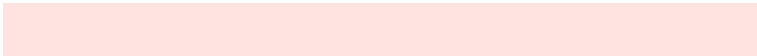
49.0496, 0.2254, 0.2511

Sweetspot

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



49.0486, 0.4113, 0.3377



81.4913, 0.3342, 0.3315



50.8333, 0.3229, 0.2358



17.0482, 0.3369, 0.3317



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.



49.0486, 0.4113, 0.3377



42.3457, 0.4419, 0.3393



70.0499, 0.3897, 0.3886



18.2156, 0.3293, 0.3309



11.4501, 0.6344, 0.3345



1.1901, 0.6223, 0.3441

Inverse Universe

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



80.5182, 0.2560, 0.3199



77.7258, 0.2471, 0.3178



54.0169, 0.2467, 0.2603



20.2234, 0.2980, 0.3271



34.9261, 0.2179, 0.3043



3.4700, 0.2187, 0.3073

Previews

White Background



This preview shows how the Yxy color 49.0496, 0.4113, 0.3377 looks on a white background.

Color Contrast Check

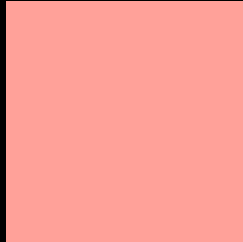
Large Text (above 18pt) WCAG AA × Fail

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 49.0496, 0.4113, 0.3377 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 49.0496, 0.4113, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 49.0496, 0.4113, 0.3377.



This preview shows how white text looks on a background with the Yxy color 49.0496, 0.4113, 0.3377.

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

49.0496, 0.4113, 0.3377

Protanopia

49.4365, 0.3372, 0.3558

Deuteranopia

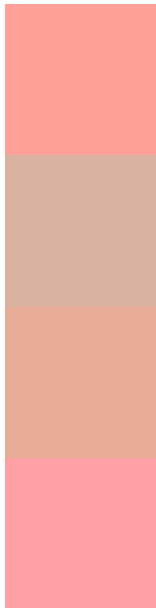
49.1939, 0.3718, 0.3640



Tritanopia

48.9965, 0.3941, 0.3166

Trichromacy



Original Color

49.0496, 0.4113, 0.3377

Protanomaly

48.7692, 0.3627, 0.3484

Deuteranomaly

48.7283, 0.3865, 0.3534

Tritanomaly

49.0819, 0.4007, 0.3250

Monochromacy



Original Color

49.0496, 0.4113, 0.3377

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9330, 0.3455, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0496, 0.4113, 0.3377 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, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 153) }
```

Border

The CSS property to change the border of an element to Yxy 49.0496, 0.4113, 0.3377 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, 161, 153) }
```

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

```
.border{ border-color:rgb(255, 161, 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, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0496, 0.4113, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 153) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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