

Converting Colors

$Y_{xy}(49.8411, 0.3997, 0.3489)$

Have a look what the booklet for
Yxy(49.8411, 0.3997, 0.3489)
contains.

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Color

Yxy(49.8434, 0.3997, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	F4A997
RGB	244, 169, 151
RGB Percent	96%, 66%, 59%
CMY	0.0431, 0.3372, 0.4078
CMYK	0.00, 0.31, 0.38, 0.04
HSL	12°, 81%, 77%
HSV	12°, 38%, 96%
XYZ	57.0843, 49.8434, 35.8901
YIQ	189.3730, 50.4780, 10.3020

Conversions

Conversions Part 2

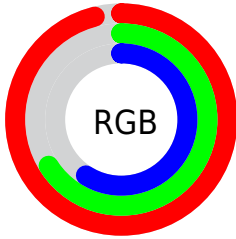
Format	Color
R _Y B	244, 173, 151
Decimal	16034199
CIE Lab	75.97, 25.42, 20.42
CIE LCh	76, 32.604, 38.774
Yxy	49.8434, 0.3997, 0.3490
Android (android.graphics.Color)	4294224279 (0xFFFF4A997)
YUV	189.3730, -18.9179, 47.9079
Hunter-Lab	70.5999, 20.7783, 19.2793

Details

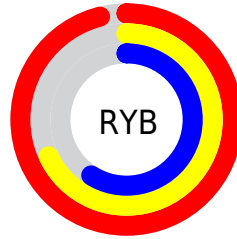
The Yxy color **49.8434, 0.3997, 0.3490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5082, 0.2565, 0.3076**, and the grayscale version is **51.2039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5182, 0.3479, 0.3493**, and **23.8500, 0.4248, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **42.3541, 0.4339, 0.3540**, and if you desaturate by 10%, it is **58.6034, 0.3706, 0.3436**.

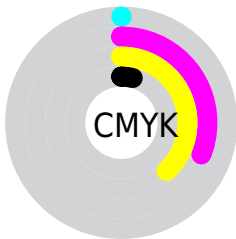
Distribution



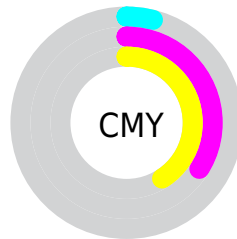
- Red (96%)
- Green (66%)
- Blue (59%)



- Red (96%)
- Yellow (68%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (4%)




- Cyan (4%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8434, 0.3997, 0.3490 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 49.8434, 0.3997, 0.3490 by changing the saturation by 10% instead.

 49.8434, 0.3997,
0.3490

 49.8434, 0.3997,
0.3490


386.0532, 0.3563,
0.3406

 35.2890, 0.4104,
0.3506


 89.9428, 0.3840,
0.3463

 23.8856, 0.4241,
0.3523

 116.2566, 0.3781,
0.3452

 15.2488, 0.4420,
0.3540


147.2589, 0.3730,
0.3442

 8.9942, 0.4664,
0.3554

183.3343, 0.3687,
0.3434

 4.7374, 0.5013,
0.3555

224.8670, 0.3650,
0.3426

 2.0940, 0.5606,
0.3550

272.2414, 0.3617,

 0.6613, 0.6659,

0.3419

0.3341

325.8421, 0.3588,
0.3412

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.8434, 0.3997,
0.3490

49.8434, 0.3997,
0.3490

42.3541, 0.4339,
0.3540

58.6034, 0.3706,
0.3436

36.0691, 0.4728,
0.3578

68.6823, 0.3464,
0.3382

30.9267, 0.5146,
0.3597

80.1345, 0.3264,
0.3330

26.8566, 0.5559,
0.3585

93.0091, 0.3098,
0.3281

■ 23.7805, 0.5917,
0.3539

■ 97.9746, 0.3060,
0.3290

■ 21.6065, 0.6173,
0.3463

■ 21.2858, 0.6212,
0.3449

Harmonies

Analogous

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



49.8434, 0.3765, 0.3134



49.8434, 0.3997, 0.3490



49.8434, 0.3972, 0.3827

Triad

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



49.8434, 0.3997, 0.3490



49.8434, 0.2865, 0.3829



49.8434, 0.2541, 0.2575

Complementary

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



49.8434, 0.3997, 0.3490



67.5082, 0.2565, 0.3076

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.



49.8434, 0.2339, 0.2695



49.8434, 0.3997, 0.3490



49.8434, 0.2514, 0.3411

Square

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



49.8434, 0.3997, 0.3490



49.8434, 0.3303, 0.4072



49.8434, 0.2329, 0.2990



49.8434, 0.2903, 0.2628

Rectangle

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



49.8434, 0.3997, 0.3490



49.8434, 0.3820, 0.3998



49.8434, 0.2329, 0.2990



49.8434, 0.2454, 0.2595

Sweetspot

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



49.8458, 0.3997, 0.3490



84.7301, 0.3318, 0.3344



46.9118, 0.3318, 0.2501



17.7612, 0.3344, 0.3351



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.



49.8458, 0.3997, 0.3490



48.3679, 0.4266, 0.3530



69.8441, 0.3808, 0.3965



17.0015, 0.3289, 0.3337



11.7214, 0.6189, 0.3468



1.1666, 0.5962, 0.3648

Inverse Universe

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



67.5082, 0.2565, 0.3076



70.4783, 0.2464, 0.3024



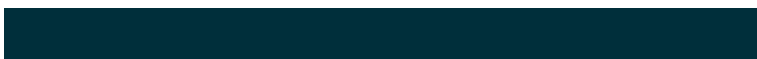
45.9375, 0.2480, 0.2503



18.1807, 0.2980, 0.3243



25.4030, 0.2072, 0.2657



2.3691, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 49.8434, 0.3997, 0.3490 looks on a white background.

Color Contrast Check

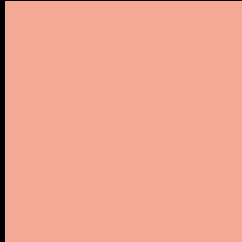
Large Text (above 18pt) WCAG AA × Fail

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 49.8434, 0.3997, 0.3490 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 49.8434, 0.3997, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 49.8434, 0.3997, 0.3490.



This preview shows how white text looks on a background with the Yxy color 49.8434, 0.3997, 0.3490.

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

49.8434, 0.3997, 0.3490

Protanopia

49.9490, 0.3428, 0.3633

Deuteranopia

49.8725, 0.3741, 0.3662



Tritanopia

49.8988, 0.3780, 0.3151

Trichromacy



Original Color

49.8434, 0.3997, 0.3490

Protanomaly

49.3730, 0.3625, 0.3570

Deuteranomaly

49.7467, 0.3830, 0.3594

Tritanomaly

49.6924, 0.3864, 0.3270

Monochromacy



Original Color

49.8434, 0.3997, 0.3490

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1064, 0.3420, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8434, 0.3997, 0.3490 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(244, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(244, 169, 151)  
}
```

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(244, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 169, 151) }
```

Border

The CSS property to change the border of an element to Yxy 49.8434, 0.3997, 0.3490 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(244, 169, 151) }
```

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

```
.border{ border-color:rgb(244, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(244, 169,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8434, 0.3997, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 169, 151) }
```

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

```
.background{ background-color: rgb(244,  
169, 151) }
```

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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