

Converting Colors

$Y_{xy}(47.0911, 0.3994, 0.3192)$

Have a look what the booklet for
Yxy(47.0911, 0.3994, 0.3192)
contains.

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Color

Yxy(47.0419, 0.3998, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	FD9BA5
RGB	253, 155, 165
RGB Percent	99%, 61%, 65%
CMY	0.0077, 0.3922, 0.3528
CMYK	0.00, 0.39, 0.35, 0.01
HSL	354°, 96%, 80%
HSV	354°, 39%, 99%
XYZ	59.0312, 47.0419, 41.5788
YIQ	185.4420, 55.1980, 23.8860

Conversions

Conversions Part 2

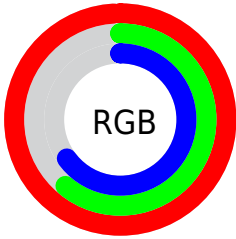
Format	Color
R _Y B	253, 155, 165
Decimal	16620453
CIE Lab	74.22, 37.73, 10.45
CIE LCh	74, 39.152, 15.474
Yxy	47.0419, 0.3998, 0.3186
Android (android.graphics.Color)	4294810533 (0xFFFD9BA5)
YUV	185.4420, -10.0779, 59.2484
Hunter-Lab	68.5871, 33.6032, 12.0683

Details

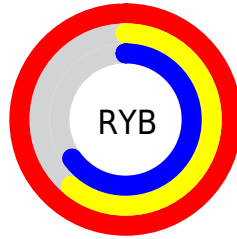
The Yxy color **47.0419, 0.3998, 0.3186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7079, 0.2635, 0.3402**, and the grayscale version is **48.8105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0158, 0.3394, 0.3200**, and **22.1643, 0.4255, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **38.7321, 0.4357, 0.3162**, and if you desaturate by 10%, it is **57.2675, 0.3700, 0.3213**.

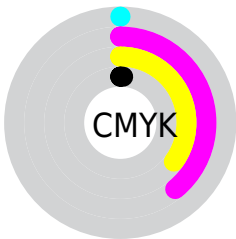
Distribution



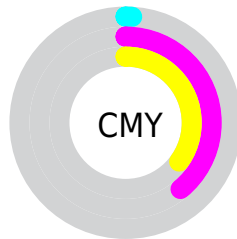
- Red (99%)
- Green (61%)
- Blue (65%)



- Red (99%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0419, 0.3998, 0.3186 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 47.0419, 0.3998, 0.3186 by changing the saturation by 10% instead.


 47.0419, 0.3998,
0.3186


 47.0419, 0.3998,
0.3186


374.9818, 0.3560,
0.3248

 33.0688, 0.4108,
0.3167


 85.7762, 0.3838,
0.3211

 22.1791, 0.4248,
0.3142


 111.3061, 0.3779,
0.3220

 13.9886, 0.4435,
0.3105


141.4571, 0.3728,
0.3227

 8.1127, 0.4693,
0.3049

176.6135, 0.3685,
0.3233

 4.1672, 0.5072,
0.2956

217.1598, 0.3647,
0.3237

 1.7675, 0.5671,
0.2781

263.4804, 0.3614,

 0.4668, 0.7603,

0.3242

0.2397

315.9595, 0.3585,
0.3245

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0419, 0.3998,
0.3186

47.0419, 0.3998,
0.3186

38.7321, 0.4357,
0.3162

57.2675, 0.3700,
0.3213

32.2123, 0.4774,
0.3147

69.5108, 0.3459,
0.3241

27.3526, 0.5227,
0.3144

83.8743, 0.3265,
0.3268

24.0027, 0.5671,
0.3160

99.6285, 0.3115,
0.3290

■ 21.9847, 0.6042,
0.3196

■ 21.0448, 0.6285,
0.3244

■ 20.9627, 0.6307,
0.3248

Harmonies

Analogous

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



47.0419, 0.3524, 0.2805



47.0419, 0.3998, 0.3186



47.0419, 0.4214, 0.3613

Triad

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



47.0419, 0.3998, 0.3186



47.0419, 0.3210, 0.4223



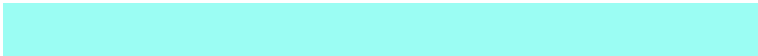
47.0419, 0.2215, 0.2516

Complementary

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



47.0419, 0.3998, 0.3186



83.7079, 0.2635, 0.3402

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.



47.0419, 0.2150, 0.2817



47.0419, 0.3998, 0.3186



47.0419, 0.2694, 0.3855

Square

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



47.0419, 0.3998, 0.3186



47.0419, 0.3729, 0.4257



47.0419, 0.2315, 0.3308



47.0419, 0.2499, 0.2428

Rectangle

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



47.0419, 0.3998, 0.3186



47.0419, 0.4176, 0.3885



47.0419, 0.2315, 0.3308



47.0419, 0.2168, 0.2592

Sweetspot

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



47.0442, 0.3998, 0.3186



80.3622, 0.3323, 0.3259



49.3372, 0.3077, 0.2303



16.7853, 0.3348, 0.3256



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.



47.0442, 0.3998, 0.3186



41.5438, 0.4253, 0.3168



61.2047, 0.3941, 0.3687



18.0173, 0.3278, 0.3266



11.1579, 0.6285, 0.3236



1.0959, 0.6068, 0.3117

Inverse Universe

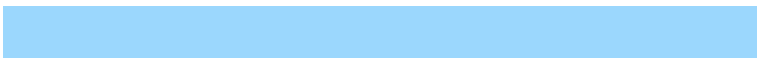
The Inverse Universe completely reimagines the original color for something new.



47.0442, 0.3998, 0.3186



41.5438, 0.4253, 0.3168



62.8900, 0.2522, 0.2849



18.0173, 0.3278, 0.3266



11.1579, 0.6285, 0.3236



1.0959, 0.6068, 0.3117

Previews

White Background



This preview shows how the Yxy color 47.0419, 0.3998, 0.3186 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 47.0419, 0.3998, 0.3186 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 47.0419, 0.3998, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 47.0419, 0.3998, 0.3186.



This preview shows how white text looks on a background with the Yxy color 47.0419, 0.3998, 0.3186.

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

47.0419, 0.3998, 0.3186

Protanopia

47.3160, 0.3186, 0.3316

Deuteranopia

47.0338, 0.3546, 0.3477



Tritanopia

47.0785, 0.3988, 0.3176

Trichromacy



Original Color

47.0419, 0.3998, 0.3186



Protanomaly

46.4491, 0.3458, 0.3254



Deuteranomaly

46.4612, 0.3710, 0.3363



Tritanomaly

47.0785, 0.3988, 0.3176

Monochromacy



Original Color

47.0419, 0.3998, 0.3186



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

47.1881, 0.3418, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0419, 0.3998, 0.3186 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(253, 155, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 165)  
}
```

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(253, 155, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.0419, 0.3998, 0.3186 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(253, 155, 165) }
```

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

```
.border{ border-color:rgb(253, 155, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 165);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0419, 0.3998, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 165) }
```

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

```
.background{ background-color: rgb(253,  
155, 165) }
```

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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