

Converting Colors

$Y_{xy}(46.3741, 0.4177, 0.3370)$

Have a look what the booklet for
Yxy(46.3741, 0.4177, 0.3370)
contains.

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Color

Yxy(46.4635, 0.4172, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FD9B94
RGB	253, 155, 148
RGB Percent	99%, 61%, 58%
CMY	0.0079, 0.3921, 0.4195
CMYK	0.00, 0.39, 0.41, 0.01
HSL	4°, 96%, 79%
HSV	4°, 41%, 99%
XYZ	57.5722, 46.4635, 33.9610
YIQ	183.5040, 60.6550, 18.5990

Conversions

Conversions Part 2

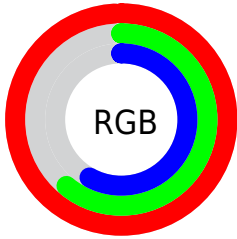
Format	Color
R _Y B	253, 156, 148
Decimal	16620436
CIE Lab	73.85, 35.79, 19.27
CIE LCh	74, 40.648, 28.301
Yxy	46.4635, 0.4172, 0.3367
Android (android.graphics.Color)	4294810516 (0xFFFD9B94)
YUV	183.5040, -17.5035, 60.9480
Hunter-Lab	68.1641, 31.4760, 18.1752

Details

The Yxy color **46.4635, 0.4172, 0.3367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.2992, 0.2545, 0.3209**, and the grayscale version is **47.7209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6175, 0.3530, 0.3373**, and **21.7033, 0.4475, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **38.6430, 0.4572, 0.3383**, and if you desaturate by 10%, it is **56.0006, 0.3834, 0.3348**.

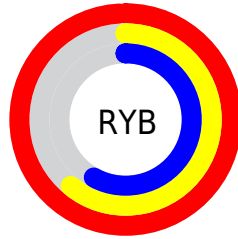
Distribution



Red (99%)

Green (61%)

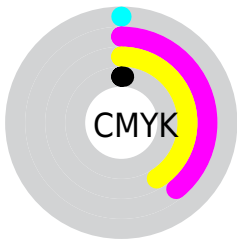
Blue (58%)



Red (99%)

Yellow (61%)

Blue (58%)

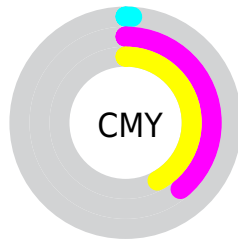


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4635, 0.4172, 0.3367 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 46.4635, 0.4172, 0.3367 by changing the saturation by 10% instead.

 46.4635, 0.4172,
0.3367


 46.4635, 0.4172,
0.3367


372.6690, 0.3644,
0.3348

 32.6117, 0.4304,
0.3365


 84.9122, 0.3980,
0.3365

 21.8292, 0.4473,
0.3360


 110.2780, 0.3908,
0.3363

 13.7314, 0.4695,
0.3345


140.2506, 0.3847,
0.3360

 7.9341, 0.5001,
0.3314

175.2143, 0.3794,
0.3358

 4.0528, 0.5440,
0.3244

215.5536, 0.3749,
0.3355

 1.7032, 0.6254,
0.3151

261.6529, 0.3710,

 0.4257, 0.7613,

0.3353

0.2387

313.8965, 0.3675,
0.3351

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4635, 0.4172,
0.3367

46.4635, 0.4172,
0.3367

38.6430, 0.4572,
0.3383

56.0006, 0.3834,
0.3348

32.4307, 0.5023,
0.3393

67.3404, 0.3556,
0.3329

27.7165, 0.5490,
0.3392

80.5718, 0.3332,
0.3310

24.3740, 0.5912,
0.3378

95.7755, 0.3151,
0.3292

■ 22.2555, 0.6219,
0.3351

99.6199, 0.3115,
0.3290

■ 21.2759, 0.6366,
0.3328

Harmonies

Analogous

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



46.4635, 0.3775, 0.2944



46.4635, 0.4172, 0.3367



46.4635, 0.4251, 0.3807

Triad

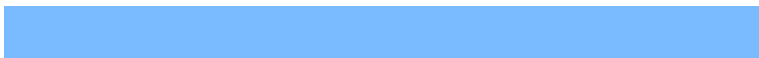
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.4635, 0.4172, 0.3367



46.4635, 0.2972, 0.4140



46.4635, 0.2279, 0.2420

Complementary

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



46.4635, 0.4172, 0.3367



79.2992, 0.2545, 0.3209

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.



46.4635, 0.2113, 0.2635



46.4635, 0.4172, 0.3367



46.4635, 0.2483, 0.3643

Square

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



46.4635, 0.4172, 0.3367



46.4635, 0.3529, 0.4328



46.4635, 0.2181, 0.3069



46.4635, 0.2662, 0.2421

Rectangle

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



46.4635, 0.4172, 0.3367



46.4635, 0.4117, 0.4066



46.4635, 0.2181, 0.3069



46.4635, 0.2198, 0.2467

Sweetspot

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



46.4658, 0.4172, 0.3367



81.2943, 0.3342, 0.3311



48.8287, 0.3219, 0.2311



17.0023, 0.3369, 0.3313



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.



46.4658, 0.4172, 0.3367



40.4104, 0.4510, 0.3381



67.0427, 0.3939, 0.3891



18.1811, 0.3293, 0.3306



11.3899, 0.6354, 0.3337



1.1738, 0.6249, 0.3421

Inverse Universe

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



79.2992, 0.2545, 0.3209



77.9938, 0.2454, 0.3190



52.5348, 0.2445, 0.2594



20.2621, 0.2980, 0.3274



35.8198, 0.2189, 0.3080



3.5475, 0.2196, 0.3106

Previews

White Background



This preview shows how the Yxy color 46.4635, 0.4172, 0.3367 looks on a white background.

Color Contrast Check

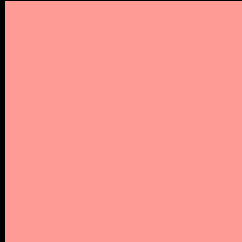
Large Text (above 18pt) WCAG AA × Fail

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 46.4635, 0.4172, 0.3367 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 46.4635, 0.4172, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 46.4635, 0.4172, 0.3367.



This preview shows how white text looks on a background with the Yxy color 46.4635, 0.4172, 0.3367.

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

46.4635, 0.4172, 0.3367

Protanopia

46.5681, 0.3370, 0.3551

Deuteranopia

46.6706, 0.3739, 0.3673



Tritanopia

46.5336, 0.4025, 0.3176

Trichromacy



Original Color

46.4635, 0.4172, 0.3367

Protanomaly

46.0515, 0.3650, 0.3488

Deuteranomaly

46.3805, 0.3900, 0.3561

Tritanomaly

46.6507, 0.4083, 0.3251

Monochromacy



Original Color

46.4635, 0.4172, 0.3367

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.3827, 0.3473, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4635, 0.4172, 0.3367 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.4635, 0.4172, 0.3367 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, 148) }
```

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

```
.border{ border-color:rgb(253, 155, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4635, 0.4172, 0.3367 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, 148) }
```

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

```
.background{ background-color: rgb(253,  
155, 148) }
```

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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