

Converting Colors

$Y_{xy}(65.3865, 0.4817, 0.3384)$

Have a look what the booklet for
Yxy(65.3865, 0.4817, 0.3384)
contains.

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Color

Yxy(47.4493, 0.4201, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D92
RGB	255, 157, 146
RGB Percent	100%, 62%, 57%
CMY	0.0002, 0.3842, 0.4275
CMYK	0.00, 0.38, 0.43, 0.00
HSL	6°, 100%, 79%
HSV	6°, 43%, 100%
XYZ	58.4730, 47.4493, 33.2660
YIQ	185.0480, 61.9390, 17.3550

Conversions

Conversions Part 2

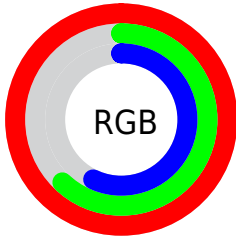
Format	Color
R _Y B	255, 158, 146
Decimal	16752018
CIE Lab	74.48, 35.26, 21.29
CIE LCh	74, 41.193, 31.121
Yxy	47.4493, 0.4201, 0.3409
Android (android.graphics.Color)	4294942098 (0xFFFF9D92)
YUV	185.0480, -19.2507, 61.3479
Hunter-Lab	68.8835, 30.9770, 19.5854

Details

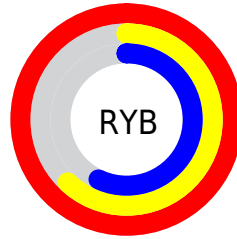
The Yxy color **47.4493, 0.4201, 0.3409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.9775, 0.2524, 0.3163**, and the grayscale version is **48.6291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0186, 0.3539, 0.3424**, and **22.3290, 0.4512, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **39.7034, 0.4598, 0.3432**, and if you desaturate by 10%, it is **56.8306, 0.3863, 0.3381**.

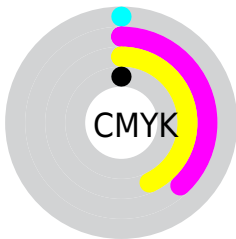
Distribution



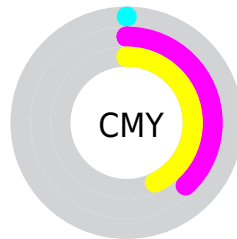
- Red (100%)
- Green (62%)
- Blue (57%)



- Red (100%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4493, 0.4201, 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 47.4493, 0.4201, 0.3409 by changing the saturation by 10% instead.


 47.4493, 0.4201,
0.3409


 47.4493, 0.4201,
0.3409


376.6051, 0.3660,
0.3372

 33.3910, 0.4335,
0.3411


 86.3839, 0.4005,
0.3401

 22.4261, 0.4506,
0.3410


 112.0290, 0.3931,
0.3396

 14.1704, 0.4731,
0.3402


142.3051, 0.3868,
0.3391

 8.2392, 0.5038,
0.3377

177.5966, 0.3815,
0.3387

 4.2484, 0.5474,
0.3315

218.2880, 0.3769,
0.3383

 1.8135, 0.6296,
0.3245

264.7636, 0.3728,

 0.4955, 0.7431,

0.3379

0.2569

317.4079, 0.3692,
0.3375

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4493, 0.4201,
0.3409

47.4493, 0.4201,
0.3409

39.7034, 0.4598,
0.3432

56.8306, 0.3863,
0.3381

33.4924, 0.5041,
0.3446

67.9262, 0.3584,
0.3352

28.7160, 0.5496,
0.3444

80.8181, 0.3356,
0.3324

25.2586, 0.5906,
0.3422

95.5814, 0.3171,
0.3297

■ 22.9869, 0.6205,
0.3382

99.9920, 0.3127,
0.3290

■ 21.9835, 0.6338,
0.3350

Harmonies

Analogous

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



47.4493, 0.3827, 0.2979



47.4493, 0.4201, 0.3409



47.4493, 0.4247, 0.3849

Triad

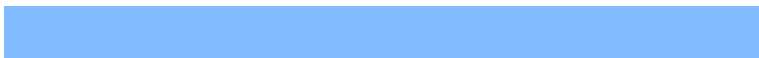
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.4493, 0.4201, 0.3409



47.4493, 0.2919, 0.4109



47.4493, 0.2302, 0.2407

Complementary

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



47.4493, 0.4201, 0.3409



77.9775, 0.2524, 0.3163

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.



47.4493, 0.2113, 0.2601



47.4493, 0.4201, 0.3409



47.4493, 0.2441, 0.3590

Square

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



47.4493, 0.4201, 0.3409



47.4493, 0.3480, 0.4333



47.4493, 0.2159, 0.3018



47.4493, 0.2705, 0.2426

Rectangle

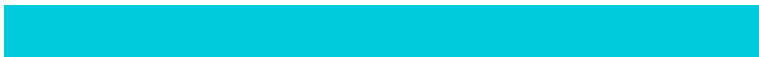
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.4493, 0.4201, 0.3409



47.4493, 0.4093, 0.4103



47.4493, 0.2159, 0.3018



47.4493, 0.2213, 0.2446

Sweetspot

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



47.4517, 0.4201, 0.3409



80.4896, 0.3361, 0.3324



48.3418, 0.3268, 0.2329



16.5872, 0.3408, 0.3330



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.



47.4517, 0.4201, 0.3409



40.9534, 0.4525, 0.3429



70.0997, 0.3945, 0.3962



18.2831, 0.3292, 0.3315



11.5875, 0.6322, 0.3362



1.2219, 0.6174, 0.3479

Inverse Universe

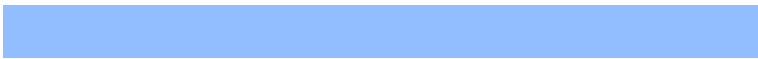
The Inverse Universe completely reimagines the original color for something new.



77.9775, 0.2524, 0.3163



74.9740, 0.2433, 0.3135



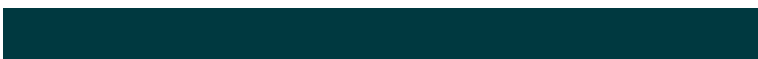
49.9710, 0.2412, 0.2500



20.1482, 0.2980, 0.3265



33.2279, 0.2158, 0.2968



3.3223, 0.2169, 0.3008

Previews

White Background



This preview shows how the Yxy color 47.4493, 0.4201, 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 47.4493, 0.4201, 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 47.4493, 0.4201, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 47.4493, 0.4201, 0.3409.



This preview shows how white text looks on a background with the Yxy color 47.4493, 0.4201, 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

47.4493, 0.4201, 0.3409

Protanopia

47.7076, 0.3410, 0.3600

Deuteranopia

47.4809, 0.3772, 0.3693



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.4493, 0.4201, 0.3409

Protanomaly

47.2041, 0.3690, 0.3534

Deuteranomaly

47.2125, 0.3933, 0.3581

Tritanomaly

47.5401, 0.4074, 0.3261

Monochromacy



Original Color

47.4493, 0.4201, 0.3409

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3019, 0.3478, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4493, 0.4201, 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, 157, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 146)  
}
```

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, 157, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.4493, 0.4201, 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, 157, 146) }
```

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

```
.border{ border-color:rgb(255, 157, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4493, 0.4201, 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, 157, 146) }
```

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

```
.background{ background-color: rgb(255,  
157, 146) }
```

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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