

Converting Colors

$Yxy(47.3006, 0.4283, 0.3498)$

Have a look what the booklet for
Yxy(47.3006, 0.4283, 0.3498)
contains.

Yxy(47.2089, 0.4281, 0.3492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.2089, 0.4281, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D8A
RGB	255, 157, 138
RGB Percent	100%, 62%, 54%
CMY	0.0001, 0.3842, 0.4588
CMYK	0.00, 0.38, 0.46, 0.00
HSL	10°, 100%, 77%
HSV	10°, 46%, 100%
XYZ	57.8755, 47.2089, 30.1072
YIQ	184.1360, 64.5070, 14.8670

Conversions

Conversions Part 2

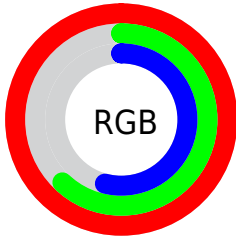
Format	Color
R _Y B	255, 161, 138
Decimal	16752010
CIE Lab	74.32, 34.47, 25.43
CIE LCh	74, 42.838, 36.421
Yxy	47.2089, 0.4281, 0.3492
Android (android.graphics.Color)	4294942090 (0xFFFF9D8A)
YUV	184.1360, -22.7450, 62.1477
Hunter-Lab	68.7087, 30.1159, 22.1161

Details

The Yxy color **47.2089, 0.4281, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5803, 0.2473, 0.3068**, and the grayscale version is **48.1154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1527, 0.3601, 0.3497**, and **22.2073, 0.4608, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **39.9519, 0.4673, 0.3527**, and if you desaturate by 10%, it is **55.9063, 0.3941, 0.3449**.

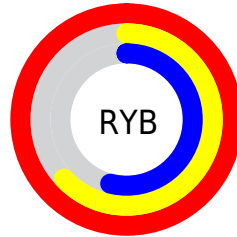
Distribution



Red (100%)

Green (62%)

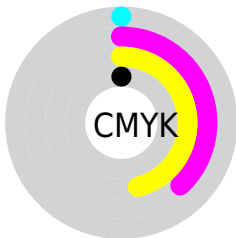
Blue (54%)



Red (100%)

Yellow (63%)

Blue (54%)

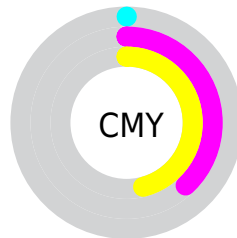


Cyan (0%)

Magenta (38%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2089, 0.4281, 0.3492 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 47.2089, 0.4281, 0.3492 by changing the saturation by 10% instead.

 47.2089, 0.4281,
0.3492

 47.2089, 0.4281,
0.3492


375.6478, 0.3701,
0.3418


 33.2008, 0.4424,
0.3501


 86.0254, 0.4071,
0.3472

 22.2803, 0.4607,
0.3508


 111.6025, 0.3991,
0.3462

 14.0630, 0.4844,
0.3508


 141.8049, 0.3924,
0.3453

 8.1645, 0.5166,
0.3492

177.0168, 0.3867,
0.3445

 4.2004, 0.5614,
0.3433

217.6226, 0.3817,
0.3437

 1.7863, 0.6573,
0.3427

264.0068, 0.3773,

 0.4786, 0.7429,

0.3431

0.2571

316.5537, 0.3735,
0.3424

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2089, 0.4281,
0.3492

47.2089, 0.4281,
0.3492

39.9519, 0.4673,
0.3527

55.9063, 0.3941,
0.3449

34.0501, 0.5101,
0.3545

66.1091, 0.3655,
0.3403

29.4205, 0.5531,
0.3538

77.8867, 0.3418,
0.3357

25.9676, 0.5910,
0.3501

91.3021, 0.3224,
0.3314

■ 23.5816, 0.6183,
0.3436

99.9937, 0.3127,
0.3290

■ 22.8721, 0.6264,
0.3408

Harmonies

Analogous

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



47.2089, 0.3945, 0.3040



47.2089, 0.4281, 0.3492



47.2089, 0.4263, 0.3942

Triad

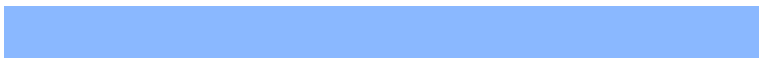
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.2089, 0.4281, 0.3492



47.2089, 0.2811, 0.4068



47.2089, 0.2329, 0.2362

Complementary

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



47.2089, 0.4281, 0.3492



72.5803, 0.2473, 0.3068

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.



47.2089, 0.2093, 0.2520



47.2089, 0.4281, 0.3492



47.2089, 0.2345, 0.3492

Square

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



47.2089, 0.4281, 0.3492



47.2089, 0.3389, 0.4367



47.2089, 0.2096, 0.2912



47.2089, 0.2781, 0.2420

Rectangle

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



47.2089, 0.4281, 0.3492



47.2089, 0.4066, 0.4191



47.2089, 0.2096, 0.2912



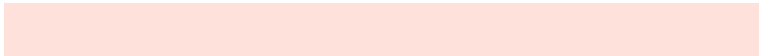
47.2089, 0.2224, 0.2389

Sweetspot

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



47.2113, 0.4281, 0.3492



80.2981, 0.3379, 0.3349



45.5706, 0.3333, 0.2313



16.5996, 0.3424, 0.3359



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.



47.2113, 0.4281, 0.3492



40.5429, 0.4637, 0.3524



71.1968, 0.3989, 0.4064



18.4641, 0.3290, 0.3329



12.0942, 0.6243, 0.3425



1.3067, 0.6052, 0.3577

Inverse Universe

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



72.5803, 0.2473, 0.3068



68.6684, 0.2372, 0.3016



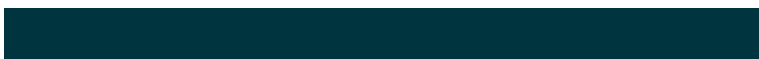
44.8376, 0.2345, 0.2355



19.9487, 0.2980, 0.3250



28.9649, 0.2101, 0.2762



2.9485, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 47.2089, 0.4281, 0.3492 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 47.2089, 0.4281, 0.3492 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 47.2089, 0.4281, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 47.2089, 0.4281, 0.3492.



This preview shows how white text looks on a background with the Yxy color 47.2089, 0.4281, 0.3492.

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

47.2089, 0.4281, 0.3492

Protanopia

47.5383, 0.3494, 0.3717

Deuteranopia

47.5517, 0.3862, 0.3786



Tritanopia

47.0878, 0.4020, 0.3177

Trichromacy



Original Color

47.2089, 0.4281, 0.3492

Protanomaly

46.9464, 0.3763, 0.3631

Deuteranomaly

47.1424, 0.4018, 0.3671

Tritanomaly

47.0692, 0.4119, 0.3293

Monochromacy



Original Color

47.2089, 0.4281, 0.3492

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.7638, 0.3516, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2089, 0.4281, 0.3492 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 138) }
```

Border

The CSS property to change the border of an element to Yxy 47.2089, 0.4281, 0.3492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

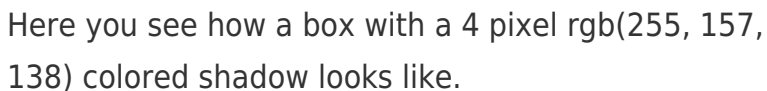
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 157, 138) }
```

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

```
.border{ border-color:rgb(255, 157, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2089, 0.4281, 0.3492 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, 138) }
```

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

```
.background{ background-color: rgb(255,  
157, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor