

Converting Colors

Yxy(55.1156, 0.4392, 0.3389)

Have a look what the booklet for
Yxy(55.1156, 0.4392, 0.3389)
contains.

Yxy(48.9841, 0.4133, 0.3398)	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(48.9841, 0.4133, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FFA197
RGB	255, 161, 151
RGB Percent	100%, 63%, 59%
CMY	0.0000, 0.3687, 0.4078
CMYK	0.00, 0.37, 0.41, 0.00
HSL	6°, 100%, 80%
HSV	6°, 41%, 100%
XYZ	59.5795, 48.9841, 35.5920
YIQ	187.9660, 59.2340, 16.8180

Conversions

Conversions Part 2

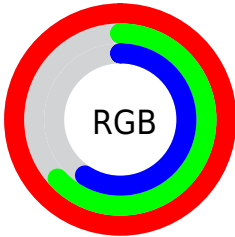
Format	Color
R _Y B	255, 162, 151
Decimal	16753047
CIE Lab	75.44, 33.77, 19.89
CIE LCh	75, 39.190, 30.492
Yxy	48.9841, 0.4133, 0.3398
Android (android.graphics.Color)	4294943127 (0xFFFFA197)
YUV	187.9660, -18.2242, 58.7888
Hunter-Lab	69.9886, 29.4724, 18.8407

Details

The Yxy color **48.9841, 0.4133, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1101, 0.2548, 0.3176**, and the grayscale version is **50.3446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2935, 0.3494, 0.3413**, and **23.3810, 0.4424, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **40.9129, 0.4520, 0.3421**, and if you desaturate by 10%, it is **58.7120, 0.3805, 0.3371**.

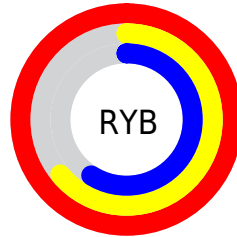
Distribution



Red (100%)

Green (63%)

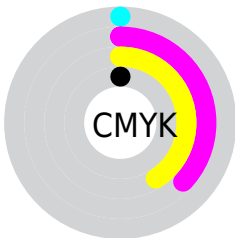
Blue (59%)



Red (100%)

Yellow (64%)

Blue (59%)

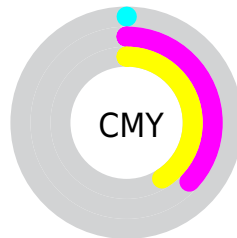


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9841, 0.4133, 0.3398 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 48.9841, 0.4133, 0.3398 by changing the saturation by 10% instead.

 48.9841, 0.4133,
0.3398


 48.9841, 0.4133,
0.3398

382.6797, 0.3629,
0.3363

 34.6069, 0.4258,
0.3401


 88.6678, 0.3950,
0.3390

 23.3602, 0.4416,
0.3400

 114.7431, 0.3882,
0.3386

 14.8597, 0.4625,
0.3394


145.4866, 0.3824,
0.3381

 8.7210, 0.4909,
0.3375

181.2825, 0.3774,
0.3377

 4.5596, 0.5314,
0.3325

222.5155, 0.3730,
0.3374

 1.9913, 0.5997,
0.3237

269.5697, 0.3692,

 0.6024, 0.7172,

0.3370

0.2828

322.8296, 0.3659,
0.3367

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9841, 0.4133,
0.3398

48.9841, 0.4133,
0.3398

40.9129, 0.4520,
0.3421

58.7120, 0.3805,
0.3371

34.4161, 0.4958,
0.3436

70.1937, 0.3536,
0.3343

29.3874, 0.5416,
0.3437

83.5058, 0.3317,
0.3317

25.7119, 0.5841,
0.3420

98.7234, 0.3140,
0.3292

■ 23.2574, 0.6165,
0.3385

100.0000, 0.3127,
0.3290

■ 21.9338, 0.6342,
0.3346

Harmonies

Analogous

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



48.9841, 0.3776, 0.2990



48.9841, 0.4133, 0.3398



48.9841, 0.4186, 0.3815

Triad

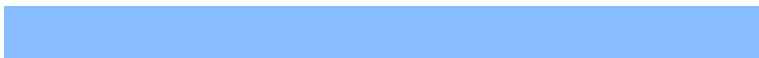
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.9841, 0.4133, 0.3398



48.9841, 0.2945, 0.4064



48.9841, 0.2340, 0.2456

Complementary

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



48.9841, 0.4133, 0.3398



79.1101, 0.2548, 0.3176

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.



48.9841, 0.2165, 0.2648



48.9841, 0.4133, 0.3398



48.9841, 0.2488, 0.3584

Square

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



48.9841, 0.4133, 0.3398



48.9841, 0.3474, 0.4270



48.9841, 0.2214, 0.3047



48.9841, 0.2720, 0.2469

Rectangle

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



48.9841, 0.4133, 0.3398



48.9841, 0.4047, 0.4055



48.9841, 0.2214, 0.3047



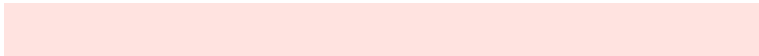
48.9841, 0.2257, 0.2496

Sweetspot

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



48.9804, 0.4133, 0.3398



81.7875, 0.3341, 0.3320



50.0673, 0.3246, 0.2356



17.1173, 0.3368, 0.3323



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.



48.9804, 0.4133, 0.3398



42.2346, 0.4447, 0.3418



70.4147, 0.3908, 0.3915



18.2675, 0.3292, 0.3313



11.5535, 0.6327, 0.3358



1.2146, 0.6185, 0.3471

Inverse Universe

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



79.1101, 0.2548, 0.3176



76.0696, 0.2456, 0.3149



52.5312, 0.2450, 0.2565



20.1655, 0.2980, 0.3266



33.6134, 0.2163, 0.2985



3.3559, 0.2173, 0.3023

Previews

White Background



This preview shows how the Yxy color 48.9841, 0.4133, 0.3398 looks on a white background.

Color Contrast Check

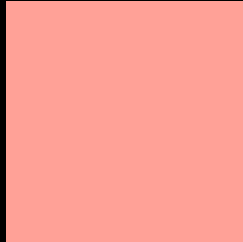
Large Text (above 18pt) WCAG AA × Fail

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 48.9841, 0.4133, 0.3398 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 48.9841, 0.4133, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 48.9841, 0.4133, 0.3398.



This preview shows how white text looks on a background with the Yxy color 48.9841, 0.4133, 0.3398.

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

48.9841, 0.4133, 0.3398

Protanopia

49.3643, 0.3388, 0.3583

Deuteranopia

49.1300, 0.3735, 0.3664



Tritanopia

48.9586, 0.3951, 0.3177

Trichromacy



Original Color

48.9841, 0.4133, 0.3398

Protanomaly

48.6992, 0.3644, 0.3508

Deuteranomaly

48.6639, 0.3883, 0.3557

Tritanomaly

49.0460, 0.4017, 0.3261

Monochromacy



Original Color

48.9841, 0.4133, 0.3398

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9330, 0.3455, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9841, 0.4133, 0.3398 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, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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(255, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 48.9841, 0.4133, 0.3398 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, 161, 151) }
```

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

```
.border{ border-color:rgb(255, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9841, 0.4133, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 151) }
```

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

```
.background{ background-color: rgb(255,  
161, 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](#).

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