

Converting Colors

Yxy(61.8953, 0.4578, 0.3330)

Have a look what the booklet for
Yxy(61.8953, 0.4578, 0.3330)
contains.

Yxy(48.8019, 0.4087, 0.3335)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.8019, 0.4087, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FFA09C
RGB	255, 160, 156
RGB Percent	100%, 63%, 61%
CMY	0.0001, 0.3725, 0.3882
CMYK	0.00, 0.37, 0.39, 0.00
HSL	2°, 100%, 81%
HSV	2°, 39%, 100%
XYZ	59.8061, 48.8019, 37.7245
YIQ	187.9490, 57.9040, 18.8960

Conversions

Conversions Part 2

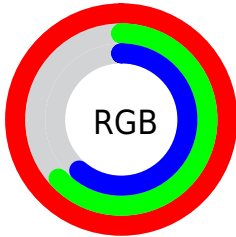
Format	Color
R _Y B	255, 160, 156
Decimal	16752796
CIE Lab	75.33, 34.80, 16.99
CIE LCh	75, 38.727, 26.024
Yxy	48.8019, 0.4087, 0.3335
Android (android.graphics.Color)	4294942876 (0xFFFFA09C)
YUV	187.9490, -15.7509, 58.8037
Hunter-Lab	69.8584, 30.5627, 16.8834

Details

The Yxy color **48.8019, 0.4087, 0.3335** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2636, 0.2581, 0.3244**, and the grayscale version is **50.3276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0249, 0.3459, 0.3352**, and **23.2711, 0.4362, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **40.3638, 0.4479, 0.3346**, and if you desaturate by 10%, it is **59.0951, 0.3760, 0.3323**.

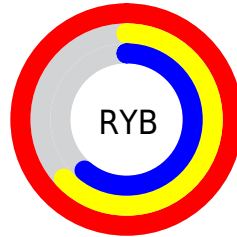
Distribution



Red (100%)

Green (63%)

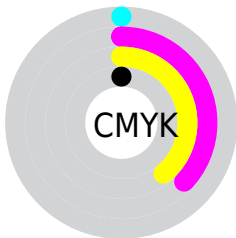
Blue (61%)



Red (100%)

Yellow (63%)

Blue (61%)

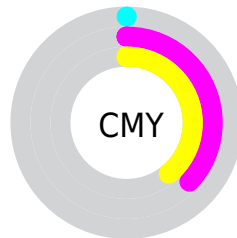


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8019, 0.4087, 0.3335 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 48.8019, 0.4087, 0.3335 by changing the saturation by 10% instead.


 48.8019, 0.4087,
0.3335


 48.8019, 0.4087,
0.3335


381.9619, 0.3606,
0.3329

 34.4624, 0.4206,
0.3332


 88.3972, 0.3912,
0.3337

 23.2490, 0.4359,
0.3324


 114.4217, 0.3847,
0.3336

 14.7775, 0.4559,
0.3310


145.1100, 0.3791,
0.3335

 8.6634, 0.4834,
0.3281

180.8464, 0.3744,
0.3334

 4.5223, 0.5230,
0.3221

222.0155, 0.3702,
0.3333

 1.9698, 0.5862,
0.3100

269.0015, 0.3666,

 0.5898, 0.7241,

0.3331

0.2759

322.1888, 0.3634,
0.3330

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8019, 0.4087,
0.3335

48.8019, 0.4087,
0.3335

40.3638, 0.4479,
0.3346

59.0951, 0.3760,
0.3323

33.6639, 0.4928,
0.3353

71.3369, 0.3494,
0.3311

28.5831, 0.5403,
0.3354

85.6234, 0.3280,
0.3299

24.9846, 0.5846,
0.3348

99.9957, 0.3127,
0.3290

■ 22.7086, 0.6184,
0.3333

■ 21.5560, 0.6367,
0.3315

■ 21.4798, 0.6381,
0.3315

Harmonies

Analogous

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



48.8019, 0.3697, 0.2938



48.8019, 0.4087, 0.3335



48.8019, 0.4187, 0.3752

Triad

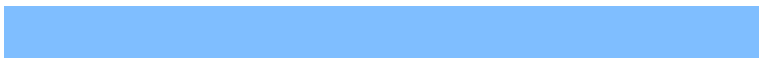
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.8019, 0.4087, 0.3335



48.8019, 0.3024, 0.4107



48.8019, 0.2308, 0.2479

Complementary

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



48.8019, 0.4087, 0.3335



83.2636, 0.2581, 0.3244

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.



48.8019, 0.2167, 0.2701



48.8019, 0.4087, 0.3335



48.8019, 0.2553, 0.3661

Square

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



48.8019, 0.4087, 0.3335



48.8019, 0.3547, 0.4260



48.8019, 0.2250, 0.3124



48.8019, 0.2657, 0.2462

Rectangle

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



48.8019, 0.4087, 0.3335



48.8019, 0.4079, 0.3999



48.8019, 0.2250, 0.3124



48.8019, 0.2237, 0.2529

Sweetspot

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



48.8043, 0.4087, 0.3335



80.8601, 0.3343, 0.3303



52.0444, 0.3199, 0.2357



16.9012, 0.3371, 0.3305



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.



48.8043, 0.4087, 0.3335



41.7704, 0.4403, 0.3344



69.1560, 0.3882, 0.3837



18.1048, 0.3294, 0.3300



11.2769, 0.6373, 0.3322



1.1377, 0.6307, 0.3375

Inverse Universe

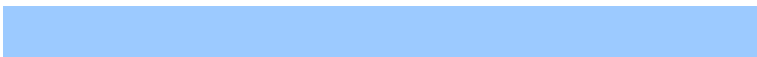
The Inverse Universe completely reimagines the original color for something new.



83.2636, 0.2581, 0.3244



80.8464, 0.2491, 0.3233



56.6205, 0.2493, 0.2667



20.3478, 0.2980, 0.3280



37.8491, 0.2212, 0.3163



3.7229, 0.2216, 0.3178

Previews

White Background



This preview shows how the Yxy color 48.8019, 0.4087, 0.3335 looks on a white background.

Color Contrast Check

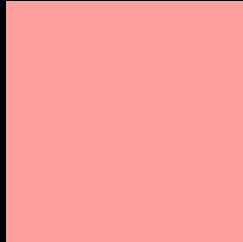
Large Text (above 18pt) WCAG AA × Fail

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 48.8019, 0.4087, 0.3335 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 48.8019, 0.4087, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 48.8019, 0.4087, 0.3335.



This preview shows how white text looks on a background with the Yxy color 48.8019, 0.4087, 0.3335.

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

48.8019, 0.4087, 0.3335

Protanopia

48.9000, 0.3323, 0.3495

Deuteranopia

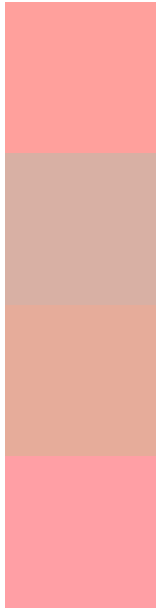
48.9872, 0.3673, 0.3606



Tritanopia

48.9586, 0.3951, 0.3177

Trichromacy



Original Color

48.8019, 0.4087, 0.3335

Protanomaly

48.3299, 0.3593, 0.3436

Deuteranomaly

48.6611, 0.3828, 0.3500

Tritanomaly

48.7729, 0.4001, 0.3229

Monochromacy



Original Color

48.8019, 0.4087, 0.3335

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9724, 0.3446, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8019, 0.4087, 0.3335 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, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 156)  
}
```

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, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 156) }
```

Border

The CSS property to change the border of an element to Yxy 48.8019, 0.4087, 0.3335 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, 160, 156) }
```

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

```
.border{ border-color:rgb(255, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8019, 0.4087, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 156) }
```

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

```
.background{ background-color: rgb(255,  
160, 156) }
```

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