

Converting Colors

$Y_{xy}(47.8861, 0.4021, 0.3354)$

Have a look what the booklet for
Yxy(47.8861, 0.4021, 0.3354)
contains.

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Color

Yxy(47.8465, 0.4019, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	F8A19C
RGB	248, 161, 156
RGB Percent	97%, 63%, 61%
CMY	0.0275, 0.3686, 0.3883
CMYK	0.00, 0.35, 0.37, 0.03
HSL	3°, 87%, 79%
HSV	3°, 37%, 97%
XYZ	57.4530, 47.8465, 37.6539
YIQ	186.4430, 53.4570, 16.8890

Conversions

Conversions Part 2

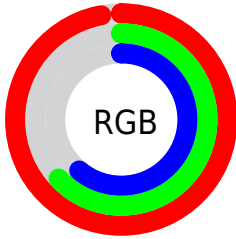
Format	Color
RYB	248, 161, 156
Decimal	16294300
CIELab	74.73, 31.69, 16.04
CIELCh	75, 35.522, 26.852
Yxy	47.8465, 0.4019, 0.3347
Android (android.graphics.Color)	4294484380 (0xFFF8A19C)
YUV	186.4430, -15.0084, 53.9855
Hunter-Lab	69.1712, 27.2110, 16.1448

Details

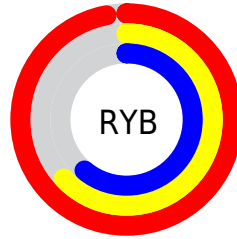
The Yxy color **47.8465, 0.4019, 0.3347** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.9218, 0.2600, 0.3231**, and the grayscale version is **49.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5389, 0.3458, 0.3362**, and **22.5639, 0.4271, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **39.6519, 0.4395, 0.3362**, and if you desaturate by 10%, it is **57.7534, 0.3706, 0.3331**.

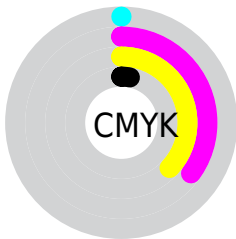
Distribution



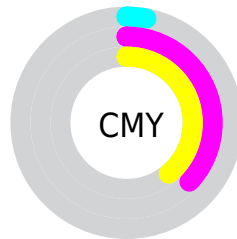
- Red (97%)
- Green (63%)
- Blue (61%)



- Red (97%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8465, 0.4019, 0.3347 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 47.8465, 0.4019, 0.3347 by changing the saturation by 10% instead.

 47.8465, 0.4019,
0.3347


 47.8465, 0.4019,
0.3347


378.1834, 0.3570,
0.3333

 33.7053, 0.4131,
0.3346


 86.9758, 0.3856,
0.3345

 22.6673, 0.4274,
0.3342


 112.7328, 0.3795,
0.3344

 14.3481, 0.4464,
0.3333


143.1304, 0.3743,
0.3342

 8.3631, 0.4725,
0.3312

178.5532, 0.3698,
0.3340

 4.3282, 0.5104,
0.3264

219.3855, 0.3660,
0.3338

 1.8588, 0.5724,
0.3164

266.0117, 0.3626,

 0.5234, 0.7204,

0.3336

0.2796

318.8162, 0.3597,
0.3335

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8465, 0.4019,
0.3347

47.8465, 0.4019,
0.3347

39.6519, 0.4395,
0.3362

57.7534, 0.3706,
0.3331

33.0661, 0.4830,
0.3372

69.4545, 0.3452,
0.3315

27.9852, 0.5299,
0.3376

83.0349, 0.3248,
0.3300

24.2903, 0.5751,
0.3369

98.5606, 0.3084,
0.3288

■ 21.8446, 0.6115,
0.3351

■ 98.6943, 0.3084,
0.3290

■ 20.4828, 0.6333,
0.3326

■ 20.2563, 0.6373,
0.3322

Harmonies

Analogous

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



47.8465, 0.3667, 0.2973



47.8465, 0.4019, 0.3347



47.8465, 0.4105, 0.3735

Triad

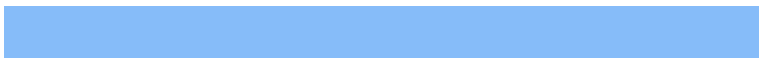
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.8465, 0.4019, 0.3347



47.8465, 0.3021, 0.4030



47.8465, 0.2373, 0.2534

Complementary

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



47.8465, 0.4019, 0.3347



77.9218, 0.2600, 0.3231

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.



47.8465, 0.2234, 0.2739



47.8465, 0.4019, 0.3347



47.8465, 0.2586, 0.3619

Square

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



47.8465, 0.4019, 0.3347



47.8465, 0.3507, 0.4184



47.8465, 0.2307, 0.3128



47.8465, 0.2704, 0.2521

Rectangle

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



47.8465, 0.4019, 0.3347



47.8465, 0.4002, 0.3960



47.8465, 0.2307, 0.3128



47.8465, 0.2304, 0.2580

Sweetspot

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



47.8488, 0.4019, 0.3347



82.5559, 0.3323, 0.3306



50.2218, 0.3208, 0.2411



17.2475, 0.3350, 0.3308



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.



47.8488, 0.4019, 0.3347



43.8789, 0.4314, 0.3359



66.7805, 0.3835, 0.3827



17.3772, 0.3293, 0.3304



11.0043, 0.6362, 0.3330



1.0710, 0.6270, 0.3404

Inverse Universe

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



77.9218, 0.2600, 0.3231



80.4026, 0.2509, 0.3217



53.9523, 0.2520, 0.2682



19.4365, 0.2980, 0.3276



35.6579, 0.2200, 0.3119



3.3508, 0.2206, 0.3140

Previews

White Background



This preview shows how the Yxy color 47.8465, 0.4019, 0.3347 looks on a white background.

Color Contrast Check

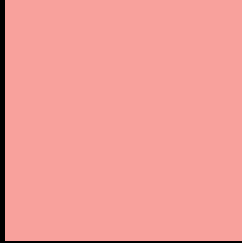
Large Text (above 18pt) WCAG AA × Fail

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 47.8465, 0.4019, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

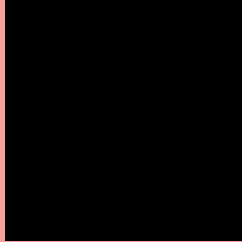
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8465, 0.4019, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 47.8465, 0.4019, 0.3347.



This preview shows how white text looks on a background with the Yxy color 47.8465, 0.4019, 0.3347.

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

47.8465, 0.4019, 0.3347

Protanopia

48.3146, 0.3324, 0.3496

Deuteranopia

47.8903, 0.3661, 0.3584



Tritanopia

47.8763, 0.3886, 0.3163

Trichromacy



Original Color

47.8465, 0.4019, 0.3347

Protanomaly

47.7281, 0.3556, 0.3438

Deuteranomaly

47.6277, 0.3794, 0.3491

Tritanomaly

48.0345, 0.3932, 0.3228

Monochromacy



Original Color

47.8465, 0.4019, 0.3347

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0947, 0.3430, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8465, 0.4019, 0.3347 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(248, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 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(248, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 156) }
```

Border

The CSS property to change the border of an element to Yxy 47.8465, 0.4019, 0.3347 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(248, 161, 156) }
```

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

```
.border{ border-color:rgb(248, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 161,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8465, 0.4019, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 156) }
```

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

```
.background{ background-color: rgb(248,  
161, 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](#).

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