

Converting Colors

$Yxy(51.3232, 0.3986, 0.3474)$

Have a look what the booklet for
Yxy(51.3232, 0.3986, 0.3474)
contains.

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Color

Yxy(51.2331, 0.3987, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	F7AB9A
RGB	247, 171, 154
RGB Percent	97%, 67%, 60%
CMY	0.0315, 0.3293, 0.3960
CMYK	0.00, 0.31, 0.38, 0.03
HSL	11°, 85%, 79%
HSV	11°, 38%, 97%
XYZ	58.7479, 51.2331, 37.3676
YIQ	191.7860, 50.7530, 10.8250

Conversions

Conversions Part 2

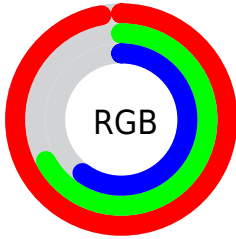
Format	Color
R _Y B	247, 175, 154
Decimal	16231322
CIE Lab	76.82, 25.83, 20.01
CIE LCh	77, 32.671, 37.765
Yxy	51.2331, 0.3987, 0.3477
Android (android.graphics.Color)	4294421402 (0xFFF7AB9A)
YUV	191.7860, -18.6285, 48.4227
Hunter-Lab	71.5773, 21.2456, 19.1512

Details

The Yxy color **51.2331, 0.3987, 0.3477** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1609, 0.2573, 0.3091**, and the grayscale version is **52.6710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7522, 0.3454, 0.3482**, and **24.7550, 0.4231, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **43.4442, 0.4330, 0.3524**, and if you desaturate by 10%, it is **60.3600, 0.3696, 0.3426**.

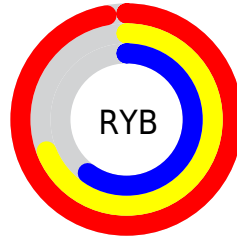
Distribution



Red (97%)

Green (67%)

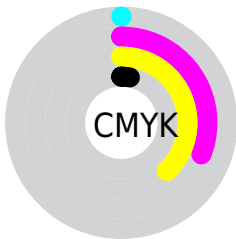
Blue (60%)



Red (97%)

Yellow (69%)

Blue (60%)

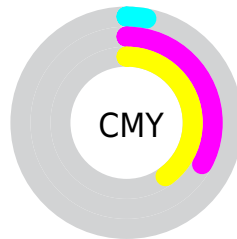


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (3%)



Cyan (3%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2331, 0.3987, 0.3477 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 51.2331, 0.3987, 0.3477 by changing the saturation by 10% instead.

 51.2331, 0.3987,
0.3477


 51.2331, 0.3987,
0.3477


391.4688, 0.3560,
0.3400

 36.3942, 0.4092,
0.3491


 91.9992, 0.3833,
0.3453

 24.7388, 0.4225,
0.3507


 118.6952, 0.3775,
0.3442

 15.8825, 0.4400,
0.3522


150.1123, 0.3725,
0.3433

 9.4411, 0.4637,
0.3534

186.6350, 0.3683,
0.3425

 5.0300, 0.4975,
0.3534

228.6476, 0.3646,
0.3418

 2.2649, 0.5516,
0.3509

276.5344, 0.3614,

 0.7550, 0.6586,

0.3411

0.3414

330.6800, 0.3585,
0.3405

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2331, 0.3987,
0.3477

51.2331, 0.3987,
0.3477

43.4442, 0.4330,
0.3524

60.3600, 0.3696,
0.3426

36.9229, 0.4721,
0.3561

70.8764, 0.3455,
0.3374

31.6034, 0.5144,
0.3579

82.8400, 0.3255,
0.3325

27.4109, 0.5562,
0.3568

96.3029, 0.3091,
0.3280

■ 24.2618, 0.5925,
0.3524

■ 98.5100, 0.3078,
0.3290

■ 22.0589, 0.6183,
0.3451

■ 21.6608, 0.6231,
0.3435

Harmonies

Analogous

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



51.2331, 0.3749, 0.3123



51.2331, 0.3987, 0.3477



51.2331, 0.3971, 0.3814

Triad

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



51.2331, 0.3987, 0.3477



51.2331, 0.2881, 0.3837



51.2331, 0.2535, 0.2581

Complementary

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



51.2331, 0.3987, 0.3477



70.1609, 0.2573, 0.3091

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.



51.2331, 0.2341, 0.2706



51.2331, 0.3987, 0.3477



51.2331, 0.2528, 0.3425

Square

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



51.2331, 0.3987, 0.3477



51.2331, 0.3317, 0.4070



51.2331, 0.2338, 0.3004



51.2331, 0.2891, 0.2627

Rectangle

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



51.2331, 0.3987, 0.3477



51.2331, 0.3825, 0.3986



51.2331, 0.2338, 0.3004



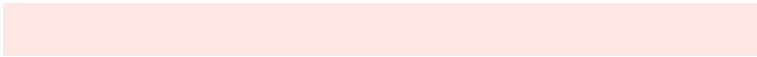
51.2331, 0.2450, 0.2603

Sweetspot

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



51.2356, 0.3987, 0.3477



84.5625, 0.3318, 0.3341



48.6808, 0.3302, 0.2496



17.7216, 0.3345, 0.3348



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.



51.2356, 0.3987, 0.3477



48.7357, 0.4237, 0.3513



71.2087, 0.3805, 0.3942



16.9728, 0.3289, 0.3334



11.6052, 0.6207, 0.3453



1.1523, 0.5984, 0.3630

Inverse Universe

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



70.1609, 0.2573, 0.3091



71.6666, 0.2478, 0.3045



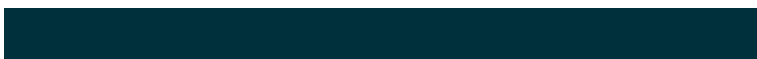
48.2819, 0.2491, 0.2534



18.2120, 0.2980, 0.3246



26.0386, 0.2082, 0.2694



2.4195, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 51.2331, 0.3987, 0.3477 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 51.2331, 0.3987, 0.3477 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 51.2331, 0.3987, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 51.2331, 0.3987, 0.3477.



This preview shows how white text looks on a background with the Yxy color 51.2331, 0.3987, 0.3477.

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

51.2331, 0.3987, 0.3477

Protanopia

51.3189, 0.3426, 0.3616

Deuteranopia

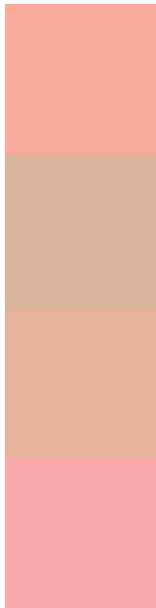
51.0950, 0.3726, 0.3646



Tritanopia

51.0725, 0.3773, 0.3152

Trichromacy



Original Color

51.2331, 0.3987, 0.3477

Protanomaly

50.7457, 0.3621, 0.3555

Deuteranomaly

50.9637, 0.3814, 0.3579

Tritanomaly

50.9020, 0.3847, 0.3260

Monochromacy



Original Color

51.2331, 0.3987, 0.3477

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4924, 0.3417, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2331, 0.3987, 0.3477 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(247, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 154)  
}
```

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(247, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 154) }
```

Border

The CSS property to change the border of an element to Yxy 51.2331, 0.3987, 0.3477 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(247, 171, 154) }
```

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

```
.border{ border-color:rgb(247, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2331, 0.3987, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 154) }
```

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

```
.background{ background-color: rgb(247,  
171, 154) }
```

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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