

Converting Colors

$Y_{xy}(48.3032, 0.4173, 0.3372)$

Have a look what the booklet for
Yxy(48.3032, 0.4173, 0.3372)
contains.

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Color

Yxy(47.9157, 0.4156, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E96
RGB	255, 158, 150
RGB Percent	100%, 62%, 59%
CMY	0.0001, 0.3803, 0.4117
CMYK	0.00, 0.38, 0.41, 0.00
HSL	5°, 100%, 79%
HSV	5°, 41%, 100%
XYZ	58.9688, 47.9157, 35.0039
YIQ	186.0910, 60.3800, 18.0760

Conversions

Conversions Part 2

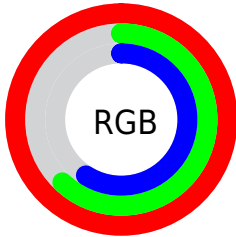
Format	Color
R _Y B	255, 159, 150
Decimal	16752278
CIE Lab	74.77, 35.19, 19.49
CIE LCh	75, 40.228, 28.986
Yxy	47.9157, 0.4156, 0.3377
Android (android.graphics.Color)	4294942358 (0xFFFF9E96)
YUV	186.0910, -17.7929, 60.4332
Hunter-Lab	69.2212, 30.9253, 18.4730

Details

The Yxy color **47.9157, 0.4156, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.2220, 0.2547, 0.3198**, and the grayscale version is **49.2352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7128, 0.3507, 0.3393**, and **22.6061, 0.4448, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **39.9022, 0.4552, 0.3395**, and if you desaturate by 10%, it is **57.6530, 0.3822, 0.3356**.

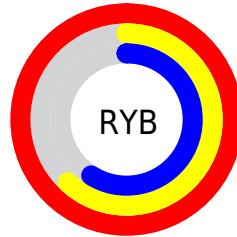
Distribution



Red (100%)

Green (62%)

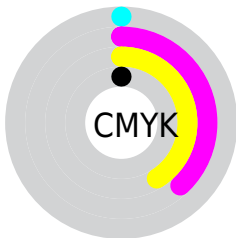
Blue (59%)



Red (100%)

Yellow (62%)

Blue (59%)

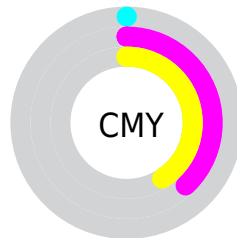


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9157, 0.4156, 0.3377 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 47.9157, 0.4156, 0.3377 by changing the saturation by 10% instead.


 47.9157, 0.4156,
0.3377


 47.9157, 0.4156,
0.3377


378.4579, 0.3639,
0.3353

 33.7601, 0.4284,
0.3377


 87.0789, 0.3968,
0.3373

 22.7094, 0.4448,
0.3373


 112.8553, 0.3898,
0.3370

 14.3791, 0.4664,
0.3362

143.2741, 0.3838,
0.3367

 8.3848, 0.4959,
0.3336

178.7197, 0.3787,
0.3364

 4.3421, 0.5380,
0.3274

219.5765, 0.3742,
0.3361

 1.8667, 0.6114,
0.3175

266.2288, 0.3703,

 0.5283, 0.7363,

0.3358

0.2637

319.0612, 0.3669,
0.3356

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9157, 0.4156,
0.3377

47.9157, 0.4156,
0.3377

39.9022, 0.4552,
0.3395

57.6530, 0.3822,
0.3356

33.5053, 0.4998,
0.3407

69.1987, 0.3547,
0.3334

28.6170, 0.5463,
0.3406

82.6408, 0.3325,
0.3312

25.1132, 0.5886,
0.3391

98.0591, 0.3146,
0.3292

■ 22.8499, 0.6201,
0.3361

99.9969, 0.3127,
0.3290

■ 21.7367, 0.6359,
0.3333

Harmonies

Analogous

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



47.9157, 0.3773, 0.2960



47.9157, 0.4156, 0.3377



47.9157, 0.4226, 0.3808

Triad

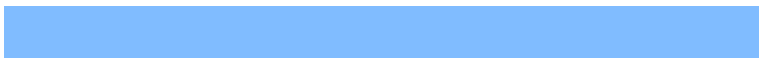
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.9157, 0.4156, 0.3377



47.9157, 0.2964, 0.4112



47.9157, 0.2301, 0.2434

Complementary

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



47.9157, 0.4156, 0.3377



80.2220, 0.2547, 0.3198

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.



47.9157, 0.2132, 0.2641



47.9157, 0.4156, 0.3377



47.9157, 0.2487, 0.3623

Square

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



47.9157, 0.4156, 0.3377



47.9157, 0.3511, 0.4306



47.9157, 0.2194, 0.3063



47.9157, 0.2682, 0.2439

Rectangle

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



47.9157, 0.4156, 0.3377



47.9157, 0.4091, 0.4061



47.9157, 0.2194, 0.3063



47.9157, 0.2220, 0.2479

Sweetspot

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



47.9181, 0.4156, 0.3377



81.4540, 0.3342, 0.3314



49.8533, 0.3233, 0.2333



17.0395, 0.3369, 0.3317



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.



47.9181, 0.4156, 0.3377



41.5018, 0.4461, 0.3392



69.3066, 0.3924, 0.3904



18.2091, 0.3293, 0.3309



11.4382, 0.6346, 0.3343



1.1870, 0.6228, 0.3437

Inverse Universe

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



80.2220, 0.2547, 0.3198



77.5696, 0.2461, 0.3178



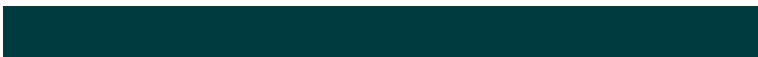
52.9624, 0.2447, 0.2579



20.2307, 0.2980, 0.3271



35.0942, 0.2181, 0.3050



3.4846, 0.2189, 0.3079

Previews

White Background



This preview shows how the Yxy color 47.9157, 0.4156, 0.3377 looks on a white background.

Color Contrast Check

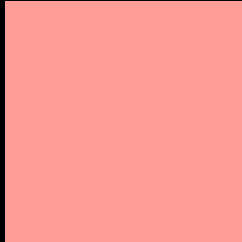
Large Text (above 18pt) WCAG AA × Fail

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 47.9157, 0.4156, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

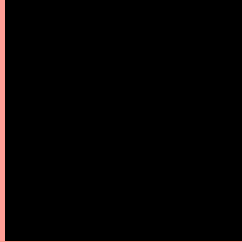
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9157, 0.4156, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 47.9157, 0.4156, 0.3377.



This preview shows how white text looks on a background with the Yxy color 47.9157, 0.4156, 0.3377.

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

47.9157, 0.4156, 0.3377

Protanopia

48.2628, 0.3374, 0.3560

Deuteranopia

47.9979, 0.3733, 0.3656



Tritanopia

47.8270, 0.3992, 0.3177

Trichromacy



Original Color

47.9157, 0.4156, 0.3377

Protanomaly

47.7275, 0.3650, 0.3497

Deuteranomaly

47.7106, 0.3892, 0.3546

Tritanomaly

47.9472, 0.4049, 0.3251

Monochromacy



Original Color

47.9157, 0.4156, 0.3377

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.9167, 0.3467, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9157, 0.4156, 0.3377 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, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 150)  
}
```

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, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.9157, 0.4156, 0.3377 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, 158, 150) }
```

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

```
.border{ border-color:rgb(255, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9157, 0.4156, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 150) }
```

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

```
.background{ background-color: rgb(255,  
158, 150) }
```

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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