

Converting Colors

$Y_{xy}(47.6699, 0.4039, 0.3310)$

Have a look what the booklet for
Yxy(47.6699, 0.4039, 0.3310)
contains.

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Color

Yxy(47.7398, 0.4045, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FB9F9D
RGB	251, 159, 157
RGB Percent	98%, 62%, 62%
CMY	0.0157, 0.3765, 0.3843
CMYK	0.00, 0.37, 0.37, 0.02
HSL	1°, 92%, 80%
HSV	1°, 37%, 98%
XYZ	58.2702, 47.7398, 38.0449
YIQ	186.2800, 55.4740, 18.8820

Conversions

Conversions Part 2

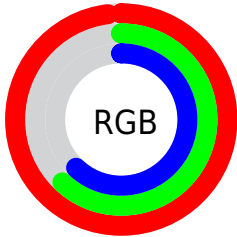
Format	Color
RYB	251, 159, 157
Decimal	16490397
CIELab	74.66, 33.98, 15.44
CIElCh	75, 37.323, 24.444
Yxy	47.7398, 0.4045, 0.3314
Android (android.graphics.Color)	4294680477 (0xFFFB9F9D)
YUV	186.2800, -14.4350, 56.7594
Hunter-Lab	69.0940, 29.6230, 15.7192

Details

The Yxy color **47.7398, 0.4045, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.8948, 0.2600, 0.3266**, and the grayscale version is **49.3288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6143, 0.3446, 0.3321**, and **22.5551, 0.4307, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **39.3443, 0.4433, 0.3320**, and if you desaturate by 10%, it is **57.9953, 0.3723, 0.3307**.

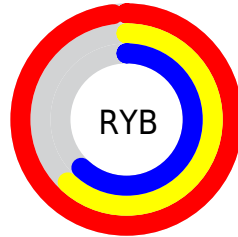
Distribution



Red (98%)

Green (62%)

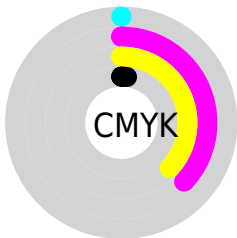
Blue (62%)



Red (98%)

Yellow (62%)

Blue (62%)

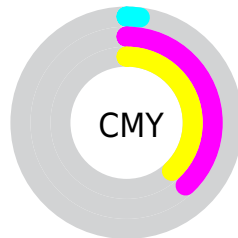


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7398, 0.4045, 0.3314 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 47.7398, 0.4045, 0.3314 by changing the saturation by 10% instead.

 47.7398, 0.4045,
0.3314

 47.7398, 0.4045,
0.3314


377.7598, 0.3583,
0.3317

 33.6209, 0.4160,
0.3309


 86.8169, 0.3877,
0.3318

 22.6025, 0.4308,
0.3300


 112.5438, 0.3814,
0.3319

 14.3003, 0.4503,
0.3284


142.9089, 0.3761,
0.3319

 8.3298, 0.4771,
0.3253

178.2964, 0.3715,
0.3319

 4.3067, 0.5162,
0.3191

219.0909, 0.3675,
0.3318

 1.8466, 0.5791,
0.3067

265.6767, 0.3641,

 0.5159, 0.7329,

0.3318

0.2671

318.4382, 0.3610,
0.3317

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7398, 0.4045,
0.3314

47.7398, 0.4045,
0.3314

39.3443, 0.4433,
0.3320

57.9953, 0.3723,
0.3307

32.6909, 0.4881,
0.3325

70.2053, 0.3463,
0.3301

27.6592, 0.5361,
0.3327

84.4667, 0.3255,
0.3294

24.1107, 0.5814,
0.3324

99.2507, 0.3103,
0.3290

■ 21.8837, 0.6166,
0.3317

■ 20.7779, 0.6360,
0.3308

■ 20.6263, 0.6390,
0.3308

Harmonies

Analogous

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



47.7398, 0.3656, 0.2929



47.7398, 0.4045, 0.3314



47.7398, 0.4159, 0.3721

Triad

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



47.7398, 0.4045, 0.3314



47.7398, 0.3055, 0.4097



47.7398, 0.2317, 0.2507

Complementary

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



47.7398, 0.4045, 0.3314



81.8948, 0.2600, 0.3266

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.



47.7398, 0.2191, 0.2736



47.7398, 0.4045, 0.3314



47.7398, 0.2590, 0.3677

Square

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



47.7398, 0.4045, 0.3314



47.7398, 0.3562, 0.4230



47.7398, 0.2284, 0.3157



47.7398, 0.2648, 0.2480

Rectangle

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



47.7398, 0.4045, 0.3314



47.7398, 0.4065, 0.3964



47.7398, 0.2284, 0.3157



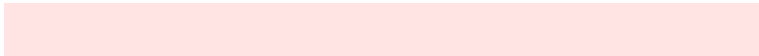
47.7398, 0.2251, 0.2560

Sweetspot

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



47.7421, 0.4045, 0.3314



82.0400, 0.3324, 0.3297



51.4945, 0.3183, 0.2375



17.1259, 0.3351, 0.3297



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.



47.7421, 0.4045, 0.3314



42.7109, 0.4333, 0.3319



66.8834, 0.3856, 0.3801



17.2841, 0.3294, 0.3296



10.8674, 0.6386, 0.3312



1.0266, 0.6349, 0.3341

Inverse Universe

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



81.8948, 0.2600, 0.3266



82.7943, 0.2516, 0.3261



56.5830, 0.2519, 0.2713



19.5417, 0.2980, 0.3284



38.2329, 0.2229, 0.3223



3.5606, 0.2231, 0.3231

Previews

White Background



This preview shows how the Yxy color 47.7398, 0.4045, 0.3314 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 47.7398, 0.4045, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

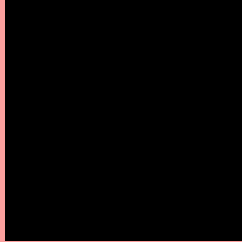
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7398, 0.4045, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 47.7398, 0.4045, 0.3314.



This preview shows how white text looks on a background with the Yxy color 47.7398, 0.4045, 0.3314.

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

47.7398, 0.4045, 0.3314

Protanopia

47.8456, 0.3301, 0.3458

Deuteranopia

47.9235, 0.3652, 0.3572



Tritanopia

47.6740, 0.3941, 0.3165

Trichromacy



Original Color

47.7398, 0.4045, 0.3314



Protanomaly

47.1349, 0.3562, 0.3401



Deuteranomaly

47.4469, 0.3798, 0.3467



Tritanomaly

47.8658, 0.3977, 0.3218

Monochromacy



Original Color

47.7398, 0.4045, 0.3314



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.8475, 0.3441, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7398, 0.4045, 0.3314 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(251, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 157)  
}
```

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(251, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.7398, 0.4045, 0.3314 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(251, 159, 157) }
```

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

```
.border{ border-color:rgb(251, 159, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7398, 0.4045, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 157) }
```

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

```
.background{ background-color: rgb(251,  
159, 157) }
```

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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