

Converting Colors

Yxy(65.4394, 0.4797, 0.3368)

Have a look what the booklet for
Yxy(65.4394, 0.4797, 0.3368)
contains.

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Color

Yxy(47.5121, 0.4181, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	FF9D94
RGB	255, 157, 148
RGB Percent	100%, 62%, 58%
CMY	0.0001, 0.3842, 0.4197
CMYK	0.00, 0.38, 0.42, 0.00
HSL	5°, 100%, 79%
HSV	5°, 42%, 100%
XYZ	58.6328, 47.5121, 34.0915
YIQ	185.2760, 61.2970, 17.9770

Conversions

Conversions Part 2

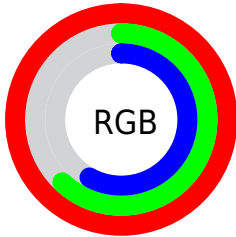
Format	Color
RYB	255, 158, 148
Decimal	16752020
CIELab	74.52, 35.48, 20.25
CIElCh	75, 40.854, 29.721
Yxy	47.5121, 0.4181, 0.3388
Android (android.graphics.Color)	4294942100 (0xFFFF9D94)
YUV	185.2760, -18.3771, 61.1479
Hunter-Lab	68.9290, 31.2110, 18.9262

Details

The Yxy color **47.5121, 0.4181, 0.3388** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.3813, 0.2536, 0.3186**, and the grayscale version is **48.7578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1128, 0.3524, 0.3404**, and **22.3658, 0.4484, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **39.6342, 0.4579, 0.3408**, and if you desaturate by 10%, it is **57.0814, 0.3844, 0.3365**.

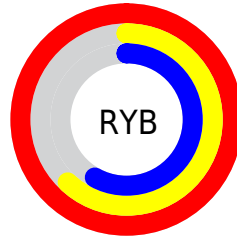
Distribution



Red (100%)

Green (62%)

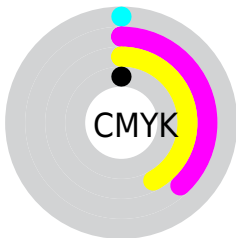
Blue (58%)



Red (100%)

Yellow (62%)

Blue (58%)

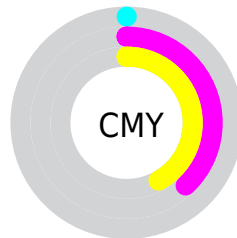


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5121, 0.4181, 0.3388 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 47.5121, 0.4181, 0.3388 by changing the saturation by 10% instead.


 47.5121, 0.4181,
0.3388


 47.5121, 0.4181,
0.3388


376.8549, 0.3651,
0.3360

 33.4407, 0.4313,
0.3388

 86.4775, 0.3988,
0.3383

 22.4642, 0.4481,
0.3385


 112.1403, 0.3916,
0.3379

 14.1984, 0.4702,
0.3375


142.4357, 0.3855,
0.3376

 8.2588, 0.5005,
0.3348

177.7480, 0.3802,
0.3372

 4.2610, 0.5436,
0.3284

218.4617, 0.3757,
0.3369

 1.8206, 0.6218,
0.3196

264.9612, 0.3717,

 0.5000, 0.7432,

0.3366

0.2568

317.6308, 0.3682,
0.3363

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.5121, 0.4181,
0.3388

47.5121, 0.4181,
0.3388

39.6342, 0.4579,
0.3408

57.0814, 0.3844,
0.3365

33.3425, 0.5025,
0.3420

68.4252, 0.3566,
0.3340

28.5315, 0.5486,
0.3419

81.6294, 0.3341,
0.3316

25.0794, 0.5903,
0.3401

96.7723, 0.3159,
0.3294

■ 22.8451, 0.6209,
0.3367

99.9940, 0.3127,
0.3290

■ 21.8105, 0.6352,
0.3338

Harmonies

Analogous

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



47.5121, 0.3797, 0.2963



47.5121, 0.4181, 0.3388



47.5121, 0.4243, 0.3826

Triad

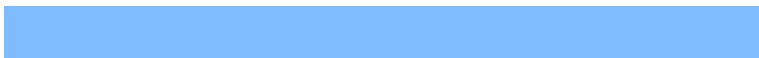
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.5121, 0.4181, 0.3388



47.5121, 0.2947, 0.4120



47.5121, 0.2294, 0.2418

Complementary

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



47.5121, 0.4181, 0.3388



79.3813, 0.2536, 0.3186

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.



47.5121, 0.2118, 0.2622



47.5121, 0.4181, 0.3388



47.5121, 0.2465, 0.3614

Square

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



47.5121, 0.4181, 0.3388



47.5121, 0.3503, 0.4325



47.5121, 0.2174, 0.3045



47.5121, 0.2686, 0.2428

Rectangle

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



47.5121, 0.4181, 0.3388



47.5121, 0.4100, 0.4081



47.5121, 0.2174, 0.3045



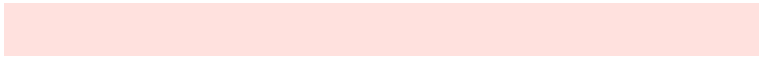
47.5121, 0.2210, 0.2461

Sweetspot

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



47.5145, 0.4181, 0.3388



80.1877, 0.3362, 0.3319



49.0868, 0.3250, 0.2330



16.5138, 0.3409, 0.3324



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.



47.5145, 0.4181, 0.3388



41.0607, 0.4496, 0.3404



69.6792, 0.3935, 0.3933



18.2336, 0.3292, 0.3311



11.4841, 0.6339, 0.3349



1.1986, 0.6210, 0.3451

Inverse Universe

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



79.3813, 0.2536, 0.3186



76.6088, 0.2448, 0.3163



51.4595, 0.2430, 0.2540



20.2033, 0.2980, 0.3269



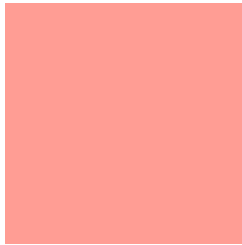
34.4680, 0.2173, 0.3023



3.4302, 0.2182, 0.3056

Previews

White Background



This preview shows how the Yxy color 47.5121, 0.4181, 0.3388 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 47.5121, 0.4181, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

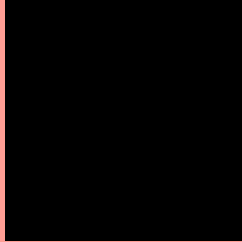
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5121, 0.4181, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 47.5121, 0.4181, 0.3388.



This preview shows how white text looks on a background with the Yxy color 47.5121, 0.4181, 0.3388.

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

47.5121, 0.4181, 0.3388

Protanopia

47.6466, 0.3384, 0.3575

Deuteranopia

47.5114, 0.3764, 0.3680



Tritanopia

47.4559, 0.4006, 0.3177

Trichromacy



Original Color

47.5121, 0.4181, 0.3388

Protanomaly

47.1195, 0.3662, 0.3510

Deuteranomaly

47.2433, 0.3924, 0.3570

Tritanomaly

47.5401, 0.4074, 0.3261

Monochromacy



Original Color

47.5121, 0.4181, 0.3388

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3401, 0.3469, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5121, 0.4181, 0.3388 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, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 148)  
}
```

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, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.5121, 0.4181, 0.3388 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, 157, 148) }
```

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

```
.border{ border-color:rgb(255, 157, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5121, 0.4181, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 148) }
```

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

```
.background{ background-color: rgb(255,  
157, 148) }
```

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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