

Converting Colors

$Yxy(57.9509, 0.4319, 0.3391)$

Have a look what the booklet for
Yxy(57.9509, 0.4319, 0.3391)
contains.

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Color

Yxy(51.3318, 0.4048, 0.3398)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA79D |
| RGB | 255, 167, 157 |
| RGB Percent | 100%, 65%, 62% |
| CMY | 0.0000, 0.3451, 0.3843 |
| CMYK | 0.00, 0.35, 0.38, 0.00 |
| HSL | 6°, 100%, 81% |
| HSV | 6°, 38%, 100% |
| XYZ | 61.1510, 51.3318, 38.5819 |
| YIQ | 192.1720, 55.6580, 15.5460 |

Conversions

Conversions Part 2

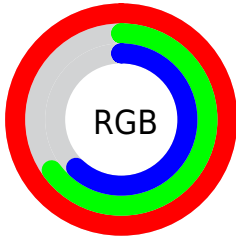
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 168, 157 |
| Decimal | 16754589 |
| CIE Lab | 76.88, 31.30, 18.61 |
| CIE LCh | 77, 36.415, 30.735 |
| Yxy | 51.3318, 0.4048, 0.3398 |
| Android (android.graphics.Color) | 4294944669 (0xFFFFA79D) |
| YUV | 192.1720, -17.3398, 55.1002 |
| Hunter-Lab | 71.6462, 26.9713, 18.2243 |

Details

The Yxy color **51.3318, 0.4048, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6950, 0.2575, 0.3177**, and the grayscale version is **52.8938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7888, 0.3433, 0.3402**, and **24.8110, 0.4301, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **42.8877, 0.4420, 0.3424**, and if you desaturate by 10%, it is **61.4388, 0.3736, 0.3369**.

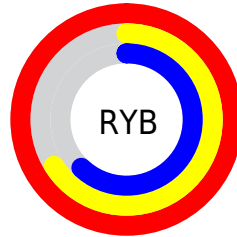
Distribution



Red (100%)

Green (65%)

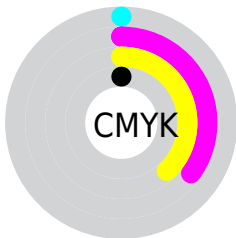
Blue (62%)



Red (100%)

Yellow (66%)

Blue (62%)

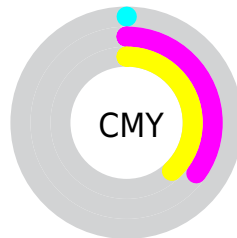


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3318, 0.4048, 0.3398 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 51.3318, 0.4048, 0.3398 by changing the saturation by 10% instead.


 51.3318, 0.4048,
0.3398


 51.3318, 0.4048,
0.3398


391.8515, 0.3590,
0.3361

 36.4727, 0.4160,
0.3402


 92.1450, 0.3883,
0.3388

 24.7995, 0.4303,
0.3405


 118.8680, 0.3820,
0.3384

 15.9278, 0.4490,
0.3404


150.3144, 0.3768,
0.3379

 9.4730, 0.4744,
0.3393

186.8686, 0.3722,
0.3375

 5.0510, 0.5107,
0.3360

228.9150, 0.3683,
0.3371

 2.2772, 0.5668,
0.3277

276.8381, 0.3648,

 0.7616, 0.6865,

0.3367

0.3135

331.0221, 0.3617,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3318, 0.4048,
0.3398

51.3318, 0.4048,
0.3398

42.8877, 0.4420,
0.3424

61.4388, 0.3736,
0.3369

36.0231, 0.4845,
0.3443

73.2981, 0.3480,
0.3340

30.6377, 0.5301,
0.3448

86.9851, 0.3272,
0.3312

26.6222, 0.5738,
0.3435

100.0000, 0.3127,
0.3290

■ 23.8520, 0.6092,
0.3402

■ 22.1772, 0.6312,
0.3356

■ 21.9992, 0.6337,
0.3350

Harmonies

Analogous

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



51.3318, 0.3725, 0.3018



51.3318, 0.4048, 0.3398



51.3318, 0.4096, 0.3782

Triad

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



51.3318, 0.4048, 0.3398



51.3318, 0.2959, 0.3990



51.3318, 0.2404, 0.2521

Complementary

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



51.3318, 0.4048, 0.3398



79.6950, 0.2575, 0.3177

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.



51.3318, 0.2239, 0.2700



51.3318, 0.4048, 0.3398



51.3318, 0.2539, 0.3556

Square

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



51.3318, 0.4048, 0.3398



51.3318, 0.3446, 0.4182



51.3318, 0.2285, 0.3069



51.3318, 0.2758, 0.2532

Rectangle

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



51.3318, 0.4048, 0.3398



51.3318, 0.3970, 0.3999



51.3318, 0.2285, 0.3069



51.3318, 0.2327, 0.2559

Sweetspot

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



51.3297, 0.4048, 0.3398



81.8873, 0.3341, 0.3322



51.9781, 0.3252, 0.2421



17.1406, 0.3368, 0.3325



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.



51.3297, 0.4048, 0.3398



44.7921, 0.4324, 0.3418



72.7032, 0.3848, 0.3895



18.2850, 0.3292, 0.3315



11.5919, 0.6321, 0.3363



1.2228, 0.6173, 0.3481

Inverse Universe

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



79.6950, 0.2575, 0.3177



76.7200, 0.2486, 0.3151



53.9576, 0.2488, 0.2594



20.1461, 0.2980, 0.3265



33.1797, 0.2157, 0.2966



3.3181, 0.2168, 0.3006

Previews

White Background



This preview shows how the Yxy color 51.3318, 0.4048, 0.3398 looks on a white background.

Color Contrast Check

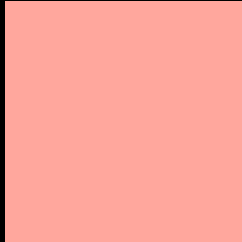
Large Text (above 18pt) WCAG AA × Fail

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 51.3318, 0.4048, 0.3398 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 51.3318, 0.4048, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 51.3318, 0.4048, 0.3398.



This preview shows how white text looks on a background with the Yxy color 51.3318, 0.4048, 0.3398.

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

51.3318, 0.4048, 0.3398

Protanopia

51.7962, 0.3375, 0.3565

Deuteranopia

51.5722, 0.3705, 0.3634



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.3318, 0.4048, 0.3398



Protanomaly

51.1963, 0.3604, 0.3505



Deuteranomaly

51.1345, 0.3827, 0.3542



Tritanomaly

51.4347, 0.3926, 0.3250

Monochromacy



Original Color

51.3318, 0.4048, 0.3398



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.5687, 0.3437, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3318, 0.4048, 0.3398 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, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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(255, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.3318, 0.4048, 0.3398 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, 167, 157) }
```

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

```
.border{ border-color:rgb(255, 167, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3318, 0.4048, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 157) }
```

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

```
.background{ background-color: rgb(255,  
167, 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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