

Converting Colors

$Y_{xy}(51.1350, 0.4017, 0.3410)$

Have a look what the booklet for
Yxy(51.1350, 0.4017, 0.3410)
contains.

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Color

Yxy(51.1350, 0.4017, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	FCA89D
RGB	252, 168, 157
RGB Percent	99%, 66%, 62%
CMY	0.0117, 0.3412, 0.3844
CMYK	0.00, 0.33, 0.38, 0.01
HSL	7°, 94%, 80%
HSV	7°, 38%, 99%
XYZ	60.2373, 51.1350, 38.5837
YIQ	191.8620, 53.5950, 14.3870

Conversions

Conversions Part 2

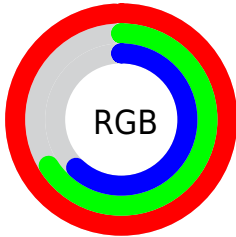
Format	Color
R _{YB}	252, 169, 157
Decimal	16558237
CIE Lab	76.76, 29.65, 18.40
CIE LCh	77, 34.899, 31.826
Yxy	51.1350, 0.4017, 0.3410
Android (android.graphics.Color)	4294748317 (0xFFFC89D)
YUV	191.8620, -17.1870, 52.7410
Hunter-Lab	71.5087, 25.2240, 18.0653

Details

The Yxy color **51.1350, 0.4017, 0.3410** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.1072, 0.2582, 0.3164**, and the grayscale version is **52.7071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3248, 0.3431, 0.3412**, and **24.6395, 0.4259, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **42.8301, 0.4380, 0.3440**, and if you desaturate by 10%, it is **61.0318, 0.3712, 0.3377**.

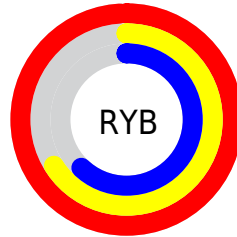
Distribution



Red (99%)

Green (66%)

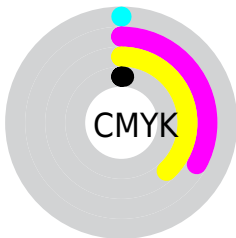
Blue (62%)



Red (99%)

Yellow (66%)

Blue (62%)

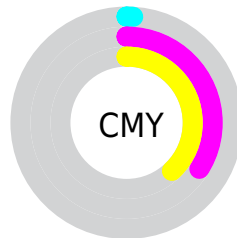


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1350, 0.4017, 0.3410 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 51.1350, 0.4017, 0.3410 by changing the saturation by 10% instead.


 51.1350, 0.4017,
0.3410

 51.1350, 0.4017,
0.3410


391.0881, 0.3574,
0.3366

 36.3161, 0.4126,
0.3416


 91.8543, 0.3857,
0.3398

 24.6784, 0.4264,
0.3421


 118.5234, 0.3797,
0.3392

 15.8376, 0.4446,
0.3424


149.9114, 0.3746,
0.3387

 9.4093, 0.4693,
0.3418

186.4027, 0.3702,
0.3382

 5.0091, 0.5046,
0.3393

228.3816, 0.3664,
0.3377

 2.2526, 0.5595,
0.3323

276.2325, 0.3630,

 0.7485, 0.6793,

0.3373

0.3207

330.3399, 0.3601,
0.3369

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1350, 0.4017,
0.3410

51.1350, 0.4017,
0.3410

42.8301, 0.4380,
0.3440

61.0318, 0.3712,
0.3377

36.0267, 0.4797,
0.3462

72.5898, 0.3462,
0.3344

30.6370, 0.5247,
0.3470

85.8832, 0.3258,
0.3313

26.5608, 0.5684,
0.3458

99.4393, 0.3109,
0.3290

■ 23.6846, 0.6048,
0.3423

■ 21.8742, 0.6283,
0.3372

■ 21.5888, 0.6322,
0.3362

Harmonies

Analogous

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



51.1350, 0.3715, 0.3042



51.1350, 0.4017, 0.3410



51.1350, 0.4054, 0.3779

Triad

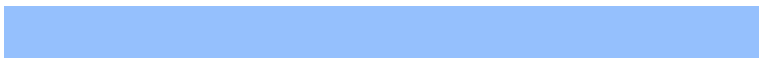
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.1350, 0.4017, 0.3410



51.1350, 0.2951, 0.3947



51.1350, 0.2441, 0.2547

Complementary

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



51.1350, 0.4017, 0.3410



77.1072, 0.2582, 0.3164

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.



51.1350, 0.2274, 0.2715



51.1350, 0.4017, 0.3410



51.1350, 0.2550, 0.3528

Square

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



51.1350, 0.4017, 0.3410



51.1350, 0.3419, 0.4143



51.1350, 0.2311, 0.3064



51.1350, 0.2788, 0.2563

Rectangle

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



51.1350, 0.4017, 0.3410



51.1350, 0.3928, 0.3982



51.1350, 0.2311, 0.3064



51.1350, 0.2364, 0.2582

Sweetspot

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



51.1375, 0.4017, 0.3410



83.5094, 0.3321, 0.3323



51.2481, 0.3249, 0.2437



17.4726, 0.3348, 0.3327



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.



51.1375, 0.4017, 0.3410



46.1250, 0.4277, 0.3432



71.2281, 0.3831, 0.3883



17.5491, 0.3291, 0.3318



11.3496, 0.6305, 0.3376



1.1525, 0.6135, 0.3511

Inverse Universe

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



77.1072, 0.2582, 0.3164



76.1408, 0.2494, 0.3136



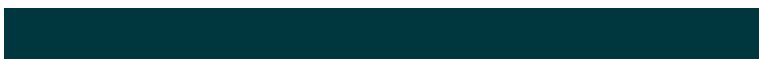
53.2240, 0.2501, 0.2610



19.2447, 0.2980, 0.3262



31.2336, 0.2145, 0.2920



2.9872, 0.2158, 0.2968

Previews

White Background



This preview shows how the Yxy color 51.1350, 0.4017, 0.3410 looks on a white background.

Color Contrast Check

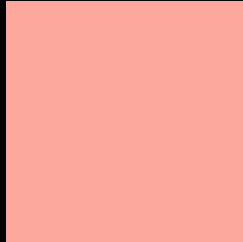
Large Text (above 18pt) WCAG AA × Fail

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 51.1350, 0.4017, 0.3410 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 51.1350, 0.4017, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 51.1350, 0.4017, 0.3410.



This preview shows how white text looks on a background with the Yxy color 51.1350, 0.4017, 0.3410.

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

51.1350, 0.4017, 0.3410

Protanopia

51.2281, 0.3368, 0.3554

Deuteranopia

51.0046, 0.3700, 0.3624



Tritanopia

51.1554, 0.3853, 0.3165

Trichromacy



Original Color

51.1350, 0.4017, 0.3410

Protanomaly

50.6335, 0.3598, 0.3494

Deuteranomaly

50.9666, 0.3818, 0.3543

Tritanomaly

51.0574, 0.3908, 0.3250

Monochromacy



Original Color

51.1350, 0.4017, 0.3410

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4178, 0.3428, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1350, 0.4017, 0.3410 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(252, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 168, 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(252, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 168, 157) }
```

Border

The CSS property to change the border of an element to Yxy 51.1350, 0.4017, 0.3410 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(252, 168, 157) }
```

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

```
.border{ border-color:rgb(252, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 168,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1350, 0.4017, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 168, 157) }
```

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

```
.background{ background-color: rgb(252,  
168, 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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