

Converting Colors

$Yxy(51.7641, 0.3886, 0.3251)$

Have a look what the booklet for
Yxy(51.7641, 0.3886, 0.3251)
contains.

| | |
|--|----|
| Yxy(51.8665, 0.3882, 0.3250) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(51.8665, 0.3882, 0.3250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDA8AC |
| RGB | 253, 168, 172 |
| RGB Percent | 99%, 66%, 67% |
| CMY | 0.0079, 0.3411, 0.3255 |
| CMYK | 0.00, 0.34, 0.32, 0.01 |
| HSL | 357°, 95%, 83% |
| HSV | 357°, 34%, 99% |
| XYZ | 61.9525, 51.8665, 45.7702 |
| YIQ | 193.8710, 49.3760, 19.2640 |

Conversions

Conversions Part 2

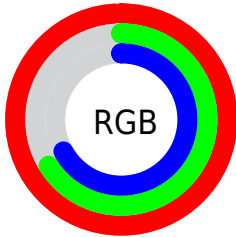
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 253, 168, 172 |
| Decimal | 16623788 |
| CIE Lab | 77.20, 31.79, 10.87 |
| CIE LCh | 77, 33.600, 18.877 |
| Yxy | 51.8665, 0.3882, 0.3250 |
| Android (android.graphics.Color) | 4294813868 (0xFFFDA8AC) |
| YUV | 193.8710, -10.7824, 51.8561 |
| Hunter-Lab | 72.0184, 27.5192, 12.7320 |

Details

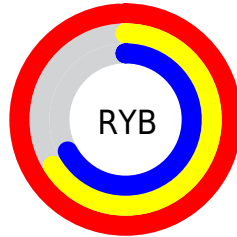
The Yxy color **51.8665, 0.3882, 0.3250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4088, 0.2668, 0.3332**, and the grayscale version is **53.9128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1174, 0.3328, 0.3261**, and **25.0869, 0.4084, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **42.5741, 0.4231, 0.3239**, and if you desaturate by 10%, it is **63.1491, 0.3596, 0.3262**.

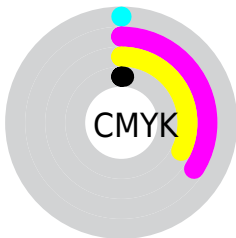
Distribution



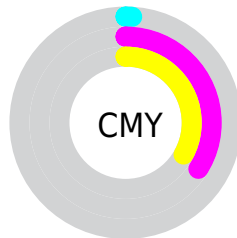
- Red (99%)
- Green (66%)
- Blue (67%)



- Red (99%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (32%)
- Black (1%)




- Cyan (1%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8665, 0.3882, 0.3250 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 51.8665, 0.3882, 0.3250 by changing the saturation by 10% instead.


 51.8665, 0.3882,
0.3250


 51.8665, 0.3882,
0.3250


393.9210, 0.3508,
0.3278

 36.8987, 0.3974,
0.3241


 92.9343, 0.3747,
0.3262

 25.1290, 0.4091,
0.3227


 119.8031, 0.3696,
0.3266

 16.1732, 0.4245,
0.3207


151.4077, 0.3653,
0.3269

 9.6468, 0.4456,
0.3176

188.1324, 0.3616,
0.3272

 5.1654, 0.4761,
0.3122

230.3617, 0.3583,
0.3274

 2.3446, 0.5236,
0.3018

278.4800, 0.3555,

 0.7972, 0.6579,

0.3276

0.3013

332.8716, 0.3530,
0.3277

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8665, 0.3882,
0.3250

51.8665, 0.3882,
0.3250

42.5741, 0.4231,
0.3239

63.1491, 0.3596,
0.3262

35.1494, 0.4645,
0.3231

76.5199, 0.3367,
0.3274

29.4682, 0.5107,
0.3228

92.0798, 0.3184,
0.3286

25.3884, 0.5577,
0.3233

99.6201, 0.3115,
0.3290

■ 22.7450, 0.5986,
0.3248

■ 21.3379, 0.6267,
0.3270

■ 20.9063, 0.6367,
0.3281

Harmonies

Analogous

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



51.8665, 0.3511, 0.2915



51.8665, 0.3882, 0.3250



51.8665, 0.4033, 0.3614

Triad

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



51.8665, 0.3882, 0.3250



51.8665, 0.3152, 0.4031



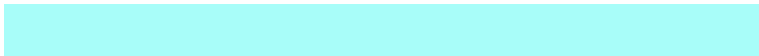
51.8665, 0.2375, 0.2624

Complementary

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



51.8665, 0.3882, 0.3250



85.4088, 0.2668, 0.3332

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.



51.8665, 0.2298, 0.2865



51.8665, 0.3882, 0.3250



51.8665, 0.2725, 0.3707

Square

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



51.8665, 0.3882, 0.3250



51.8665, 0.3591, 0.4103



51.8665, 0.2420, 0.3260



51.8665, 0.2640, 0.2563

Rectangle

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



51.8665, 0.3882, 0.3250



51.8665, 0.3986, 0.3836



51.8665, 0.2420, 0.3260



51.8665, 0.2328, 0.2684

Sweetspot

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



51.8690, 0.3882, 0.3250



83.3279, 0.3296, 0.3279



55.1933, 0.3132, 0.2445



17.3734, 0.3323, 0.3277



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.



51.8690, 0.3882, 0.3250



46.5033, 0.4099, 0.3243



67.9719, 0.3785, 0.3691



18.0008, 0.3287, 0.3279



11.1284, 0.6354, 0.3274



1.0882, 0.6243, 0.3213

Inverse Universe

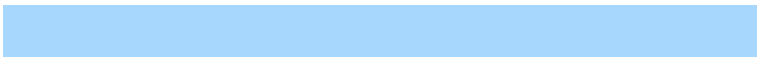
The Inverse Universe completely reimagines the original color for something new.



51.8690, 0.3882, 0.3250



46.5033, 0.4099, 0.3243



63.8907, 0.2592, 0.2850



18.0008, 0.3287, 0.3279



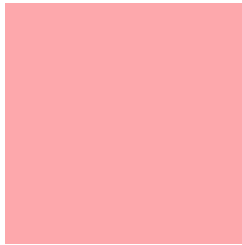
11.1284, 0.6354, 0.3274



1.0882, 0.6243, 0.3213

Previews

White Background



This preview shows how the Yxy color 51.8665, 0.3882, 0.3250 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 51.8665, 0.3882, 0.3250 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 51.8665, 0.3882, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 51.8665, 0.3882, 0.3250.



This preview shows how white text looks on a background with the Yxy color 51.8665, 0.3882, 0.3250.

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

51.8665, 0.3882, 0.3250

Protanopia

52.0234, 0.3223, 0.3365

Deuteranopia

51.8973, 0.3538, 0.3470



Tritanopia

51.9629, 0.3827, 0.3165

Trichromacy



Original Color

51.8665, 0.3882, 0.3250



Protanomaly

51.5029, 0.3448, 0.3315



Deuteranomaly

51.5661, 0.3662, 0.3383



Tritanomaly

51.8429, 0.3856, 0.3197

Monochromacy



Original Color

51.8665, 0.3882, 0.3250



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6902, 0.3375, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8665, 0.3882, 0.3250 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(253, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(253, 168, 172)  
}
```

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(253, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 168, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.8665, 0.3882, 0.3250 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(253, 168, 172) }
```

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

```
.border{ border-color:rgb(253, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(253, 168,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8665, 0.3882, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 168, 172) }
```

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

```
.background{ background-color: rgb(253,  
168, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor