

Converting Colors

$Yxy(58.2344, 0.4565, 0.3400)$

Have a look what the booklet for
Yxy(58.2344, 0.4565, 0.3400)
contains.

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Color

Yxy(48.5082, 0.4177, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FFA093
RGB	255, 160, 147
RGB Percent	100%, 63%, 58%
CMY	0.0000, 0.3725, 0.4236
CMYK	0.00, 0.37, 0.42, 0.00
HSL	7°, 100%, 79%
HSV	7°, 42%, 100%
XYZ	59.0725, 48.5082, 33.8426
YIQ	186.9230, 60.7930, 16.0970

Conversions

Conversions Part 2

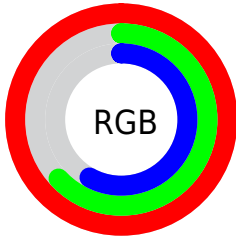
Format	Color
R _Y B	255, 162, 147
Decimal	16752787
CIE Lab	75.14, 33.83, 21.67
CIE LCh	75, 40.177, 32.638
Yxy	48.5082, 0.4177, 0.3430
Android (android.graphics.Color)	4294942867 (0xFFFFA093)
YUV	186.9230, -19.6820, 59.7035
Hunter-Lab	69.6478, 29.5129, 19.9439

Details

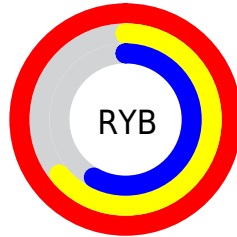
The Yxy color **48.5082, 0.4177, 0.3430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.8934, 0.2524, 0.3140**, and the grayscale version is **49.7366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5888, 0.3525, 0.3444**, and **22.9620, 0.4475, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **40.7110, 0.4565, 0.3458**, and if you desaturate by 10%, it is **57.8893, 0.3846, 0.3397**.

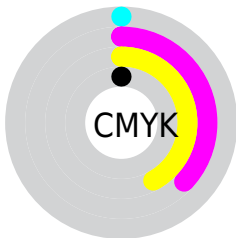
Distribution



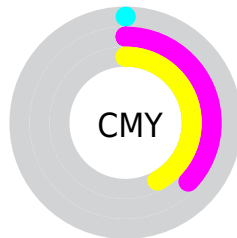
- Red (100%)
- Green (63%)
- Blue (58%)



- Red (100%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5082, 0.4177, 0.3430 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 48.5082, 0.4177, 0.3430 by changing the saturation by 10% instead.


 48.5082, 0.4177,
0.3430


 48.5082, 0.4177,
0.3430


380.8030, 0.3650,
0.3382

 34.2295, 0.4307,
0.3435


 87.9606, 0.3986,
0.3418

 23.0700, 0.4473,
0.3438


 113.9031, 0.3914,
0.3411

 14.6452, 0.4690,
0.3435


144.5023, 0.3854,
0.3406

 8.5707, 0.4985,
0.3418

180.1426, 0.3801,
0.3400

 4.4623, 0.5404,
0.3367

221.2084, 0.3756,
0.3395

 1.9354, 0.6165,
0.3305

268.0842, 0.3716,

 0.5695, 0.7227,

0.3390

0.2773

321.1542, 0.3682,
0.3386

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5082, 0.4177,
0.3430

48.5082, 0.4177,
0.3430

40.7110, 0.4565,
0.3458

57.8893, 0.3846,
0.3397

34.4033, 0.5000,
0.3475

68.9277, 0.3572,
0.3362

29.4917, 0.5449,
0.3475

81.7007, 0.3347,
0.3329

25.8693, 0.5860,
0.3452

96.2787, 0.3165,
0.3297

■ 23.4133, 0.6169,
0.3406

99.9978, 0.3127,
0.3290

■ 22.2266, 0.6318,
0.3366

Harmonies

Analogous

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



48.5082, 0.3829, 0.3009



48.5082, 0.4177, 0.3430



48.5082, 0.4206, 0.3856

Triad

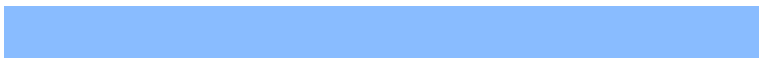
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5082, 0.4177, 0.3430



48.5082, 0.2901, 0.4061



48.5082, 0.2341, 0.2428

Complementary

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



48.5082, 0.4177, 0.3430



76.8934, 0.2524, 0.3140

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.



48.5082, 0.2145, 0.2608



48.5082, 0.4177, 0.3430



48.5082, 0.2443, 0.3552

Square

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



48.5082, 0.4177, 0.3430



48.5082, 0.3444, 0.4296



48.5082, 0.2179, 0.3003



48.5082, 0.2743, 0.2456

Rectangle

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



48.5082, 0.4177, 0.3430



48.5082, 0.4049, 0.4096



48.5082, 0.2179, 0.3003



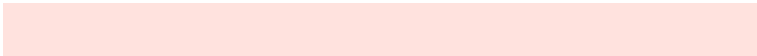
48.5082, 0.2251, 0.2464

Sweetspot

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



48.5106, 0.4177, 0.3430



80.8382, 0.3360, 0.3331



48.5516, 0.3282, 0.2352



16.6719, 0.3407, 0.3338



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.



48.5106, 0.4177, 0.3430



41.6863, 0.4509, 0.3455



71.2461, 0.3928, 0.3973



18.3402, 0.3291, 0.3319



11.7252, 0.6300, 0.3380



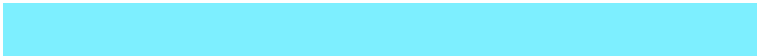
1.2487, 0.6134, 0.3511

Inverse Universe

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



76.8934, 0.2524, 0.3140



73.4846, 0.2427, 0.3105



49.5492, 0.2415, 0.2486



20.0850, 0.2980, 0.3260



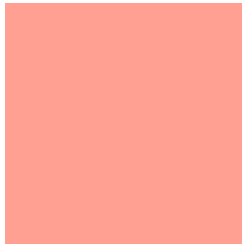
31.8372, 0.2140, 0.2904



3.2009, 0.2153, 0.2952

Previews

White Background



This preview shows how the Yxy color 48.5082, 0.4177, 0.3430 looks on a white background.

Color Contrast Check

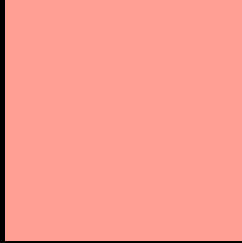
Large Text (above 18pt) WCAG AA × Fail

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 48.5082, 0.4177, 0.3430 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 48.5082, 0.4177, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 48.5082, 0.4177, 0.3430.

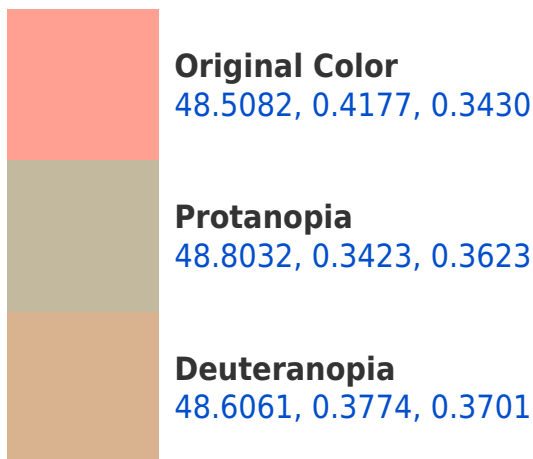


This preview shows how white text looks on a background with the Yxy color 48.5082, 0.4177, 0.3430.

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





Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.5082, 0.4177, 0.3430

Protanomaly

48.1689, 0.3683, 0.3545

Deuteranomaly

48.1591, 0.3925, 0.3591

Tritanomaly

48.6295, 0.4041, 0.3272

Monochromacy



Original Color

48.5082, 0.4177, 0.3430

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4199, 0.3483, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5082, 0.4177, 0.3430 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, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 147)  
}
```

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, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 147) }
```

Border

The CSS property to change the border of an element to Yxy 48.5082, 0.4177, 0.3430 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, 160, 147) }
```

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

```
.border{ border-color:rgb(255, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5082, 0.4177, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 147) }
```

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

```
.background{ background-color: rgb(255,  
160, 147) }
```

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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