

Converting Colors

$Y_{xy}(65.5700, 0.4886, 0.3511)$

Have a look what the booklet for
Yxy(65.5700, 0.4886, 0.3511)
contains.

Yxy(48.4432, 0.4308, 0.3585)	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(48.4432, 0.4308, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	FFA185
RGB	255, 161, 133
RGB Percent	100%, 63%, 52%
CMY	0.0001, 0.3686, 0.4784
CMYK	0.00, 0.37, 0.48, 0.00
HSL	14°, 100%, 76%
HSV	14°, 48%, 100%
XYZ	58.2129, 48.4432, 28.4714
YIQ	185.9140, 65.0120, 11.2200

Conversions

Conversions Part 2

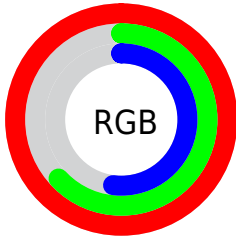
Format	Color
RYB	255, 169, 133
Decimal	16753029
CIELab	75.10, 31.93, 29.18
CIELCh	75, 43.256, 42.427
Yxy	48.4432, 0.4308, 0.3585
Android (android.graphics.Color)	4294943109 (0xFFFFA185)
YUV	185.9140, -26.0866, 60.5884
Hunter-Lab	69.6011, 27.4916, 24.4674

Details

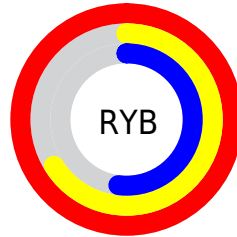
The Yxy color **48.4432, 0.4308, 0.3585** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.1213, 0.2431, 0.2958**, and the grayscale version is **49.1754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9169, 0.3635, 0.3599**, and **22.9518, 0.4639, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **41.4894, 0.4683, 0.3632**, and if you desaturate by 10%, it is **56.6511, 0.3977, 0.3525**.

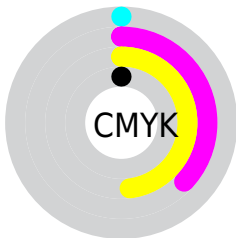
Distribution



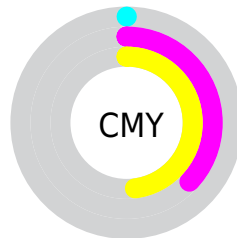
- Red (100%)
- Green (63%)
- Blue (52%)



- Red (100%)
- Yellow (66%)
- Blue (52%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4432, 0.4308, 0.3585 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 48.4432, 0.4308, 0.3585 by changing the saturation by 10% instead.


 48.4432, 0.4308,
0.3585


 48.4432, 0.4308,
0.3585


380.5462, 0.3718,
0.3468


 34.1780, 0.4452,
0.3604


 87.8639, 0.4095,
0.3550

 23.0304, 0.4634,
0.3622


 113.7882, 0.4015,
0.3535

 14.6159, 0.4870,
0.3635


 144.3677, 0.3947,
0.3521

 8.5503, 0.5183,
0.3633

179.9867, 0.3888,
0.3508

 4.4490, 0.5612,
0.3592

221.0297, 0.3837,
0.3497

 1.9278, 0.6434,
0.3566

267.8810, 0.3792,

 0.5650, 0.7141,

0.3487

0.2859

320.9250, 0.3753,
0.3477

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4432, 0.4308,
0.3585

48.4432, 0.4308,
0.3585

41.4894, 0.4683,
0.3632

56.6511, 0.3977,
0.3525

35.7198, 0.5087,
0.3658

66.1642, 0.3694,
0.3461

31.0681, 0.5488,
0.3650

77.0394, 0.3456,
0.3397

27.4585, 0.5841,
0.3602

89.3280, 0.3258,
0.3335

■ 24.8026, 0.6103,
0.3518

99.9962, 0.3127,
0.3290

■ 24.3402, 0.6149,
0.3499

Harmonies

Analogous

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



48.4432, 0.4038, 0.3127



48.4432, 0.4308, 0.3585



48.4432, 0.4219, 0.4024

Triad

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



48.4432, 0.4308, 0.3585



48.4432, 0.2703, 0.3967



48.4432, 0.2402, 0.2356

Complementary

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



48.4432, 0.4308, 0.3585



67.1213, 0.2431, 0.2958

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.



48.4432, 0.2120, 0.2469



48.4432, 0.4308, 0.3585



48.4432, 0.2275, 0.3367

Square

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



48.4432, 0.4308, 0.3585



48.4432, 0.3271, 0.4339



48.4432, 0.2075, 0.2815



48.4432, 0.2892, 0.2454

Rectangle

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



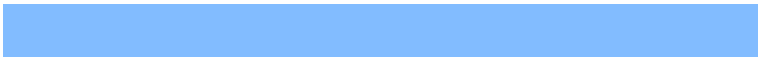
48.4432, 0.4308, 0.3585



48.4432, 0.3985, 0.4252



48.4432, 0.2075, 0.2815



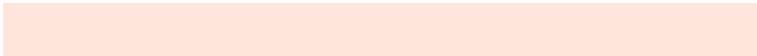
48.4432, 0.2283, 0.2369

Sweetspot

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



48.4456, 0.4308, 0.3585



81.6027, 0.3376, 0.3373



43.6627, 0.3420, 0.2345



16.9136, 0.3420, 0.3386



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.



48.4456, 0.4308, 0.3585



42.0345, 0.4650, 0.3629



74.3559, 0.3991, 0.4170



18.6639, 0.3289, 0.3345



12.9051, 0.6123, 0.3520



1.4133, 0.5910, 0.3689

Inverse Universe

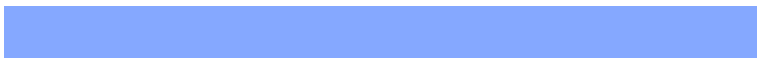
The Inverse Universe completely reimagines the original color for something new.



67.1213, 0.2431, 0.2958



62.5493, 0.2325, 0.2882



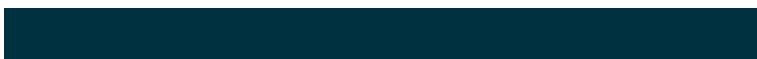
40.0480, 0.2290, 0.2203



19.7322, 0.2980, 0.3234



24.7393, 0.2036, 0.2529



2.5728, 0.2063, 0.2626

Previews

White Background



This preview shows how the Yxy color 48.4432, 0.4308, 0.3585 looks on a white background.

Color Contrast Check

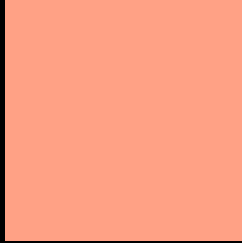
Large Text (above 18pt) WCAG AA × Fail

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 48.4432, 0.4308, 0.3585 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 48.4432, 0.4308, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 48.4432, 0.4308, 0.3585.



This preview shows how white text looks on a background with the Yxy color 48.4432, 0.4308, 0.3585.

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

48.4432, 0.4308, 0.3585

Protanopia

48.7173, 0.3575, 0.3813

Deuteranopia

48.4281, 0.3939, 0.3848



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.4432, 0.4308, 0.3585

Protanomaly

48.0042, 0.3837, 0.3723

Deuteranomaly

48.0882, 0.4072, 0.3747

Tritanomaly

48.4566, 0.4092, 0.3324

Monochromacy



Original Color

48.4432, 0.4308, 0.3585

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0832, 0.3518, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4432, 0.4308, 0.3585 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, 161, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 133)  
}
```

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, 161, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 133) }
```

Border

The CSS property to change the border of an element to Yxy 48.4432, 0.4308, 0.3585 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, 161, 133) }
```

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

```
.border{ border-color:rgb(255, 161, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4432, 0.4308, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 133) }
```

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

```
.background{ background-color: rgb(255,  
161, 133) }
```

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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