

Converting Colors

$Y_{xy}(48.2969, 0.4468, 0.3770)$

Have a look what the booklet for
Yxy(48.2969, 0.4468, 0.3770)
contains.

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Color

Yxy(48.3385, 0.4469, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FFA273
RGB	255, 162, 115
RGB Percent	100%, 64%, 45%
CMY	0.0000, 0.3647, 0.5491
CMYK	0.00, 0.36, 0.55, 0.00
HSL	20°, 100%, 73%
HSV	20°, 55%, 100%
XYZ	57.2554, 48.3385, 22.5229
YIQ	184.4490, 70.5150, 5.0990

Conversions

Conversions Part 2

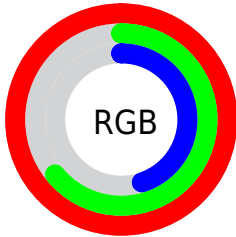
Format	Color
R _Y B	255, 186, 115
Decimal	16753267
CIE Lab	75.04, 29.87, 38.68
CIE LCh	75, 48.871, 52.323
Yxy	48.3385, 0.4469, 0.3773
Android (android.graphics.Color)	4294943347 (0xFFFFA273)
YUV	184.4490, -34.2384, 61.8732
Hunter-Lab	69.5259, 25.3266, 29.4611

Details

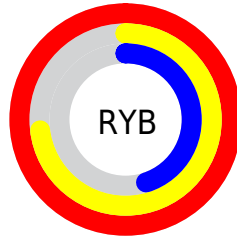
The Yxy color **48.3385, 0.4469, 0.3773** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.9579, 0.2308, 0.2710**, and the grayscale version is **48.3571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7129, 0.3764, 0.3795**, and **23.0145, 0.4809, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **42.2615, 0.4820, 0.3829**, and if you desaturate by 10%, it is **55.3836, 0.4144, 0.3694**.

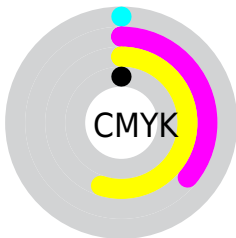
Distribution



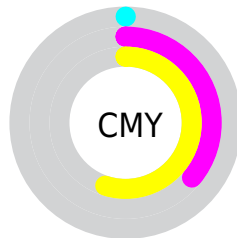
- Red (100%)
- Green (64%)
- Blue (45%)



- Red (100%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3385, 0.4469, 0.3773 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 48.3385, 0.4469, 0.3773 by changing the saturation by 10% instead.

 48.3385, 0.4469,
0.3773

 48.3385, 0.4469,
0.3773


380.1323, 0.3805,
0.3577


 34.0950, 0.4627,
0.3806


 87.7082, 0.4232,
0.3713

 22.9666, 0.4823,
0.3838

 113.6032, 0.4142,
0.3687

 14.5689, 0.5071,
0.3864


 144.1508, 0.4065,
0.3664

 8.5174, 0.5389,
0.3870

179.7355, 0.3998,
0.3643

 4.4277, 0.5863,
0.3863

220.7416, 0.3940,
0.3624

 1.9156, 0.6350,
0.3650

267.5535, 0.3890,

 0.5577, 0.7049,

0.3607

0.2951

320.5556, 0.3845,
0.3591

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3385, 0.4469,
0.3773

48.3385, 0.4469,
0.3773

42.2615, 0.4820,
0.3829

55.3836, 0.4144,
0.3694

37.1036, 0.5177,
0.3850

63.4355, 0.3854,
0.3604

32.8158, 0.5511,
0.3823

72.5352, 0.3603,
0.3511

29.3418, 0.5788,
0.3746

82.7198, 0.3388,
0.3418

■ 27.8601, 0.5905,
0.3693

■ 94.0247, 0.3206,
0.3331

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



48.3385, 0.4302, 0.3263



48.3385, 0.4469, 0.3773



48.3385, 0.4234, 0.4240

Triad

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



48.3385, 0.4469, 0.3773



48.3385, 0.2463, 0.3848



48.3385, 0.2471, 0.2263

Complementary

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



48.3385, 0.4469, 0.3773



55.9579, 0.2308, 0.2710

Split Complementary

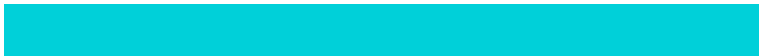
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.3385, 0.2081, 0.2302



48.3385, 0.4469, 0.3773



48.3385, 0.2070, 0.3144

Square

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



48.3385, 0.4469, 0.3773



48.3385, 0.3061, 0.4397



48.3385, 0.1943, 0.2592



48.3385, 0.3076, 0.2441

Rectangle

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



48.3385, 0.4469, 0.3773



48.3385, 0.3908, 0.4457



48.3385, 0.1943, 0.2592



48.3385, 0.2314, 0.2250

Sweetspot

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



48.3396, 0.4469, 0.3773



81.5594, 0.3410, 0.3428



38.0848, 0.3651, 0.2365



16.9943, 0.3452, 0.3447



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.



48.3396, 0.4469, 0.3773



41.6574, 0.4859, 0.3833



80.0201, 0.4040, 0.4423



18.9840, 0.3286, 0.3370



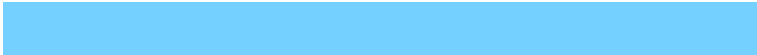
14.8026, 0.5875, 0.3717



1.6333, 0.5656, 0.3891

Inverse Universe

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



55.9579, 0.2308, 0.2710



49.8351, 0.2177, 0.2568



29.1286, 0.2117, 0.1800



19.3932, 0.2980, 0.3208



18.9542, 0.1931, 0.2150



2.0473, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 48.3385, 0.4469, 0.3773 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 48.3385, 0.4469, 0.3773 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 48.3385, 0.4469, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 48.3385, 0.4469, 0.3773.



This preview shows how white text looks on a background with the Yxy color 48.3385, 0.4469, 0.3773.

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

48.3385, 0.4469, 0.3773

Protanopia

48.5707, 0.3765, 0.4057

Deuteranopia

48.4614, 0.4118, 0.4041



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.3385, 0.4469, 0.3773

Protanomaly

48.1969, 0.4016, 0.3951

Deuteranomaly

48.3595, 0.4242, 0.3945

Tritanomaly

48.2262, 0.4162, 0.3398

Monochromacy



Original Color

48.3385, 0.4469, 0.3773

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2555, 0.3583, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3385, 0.4469, 0.3773 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, 162, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 115)  
}
```

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, 162, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 115) }
```

Border

The CSS property to change the border of an element to Yxy 48.3385, 0.4469, 0.3773 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, 162, 115) }
```

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

```
.border{ border-color:rgb(255, 162, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3385, 0.4469, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 115) }
```

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

```
.background{ background-color: rgb(255,  
162, 115) }
```

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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