

Converting Colors

$Yxy(48.5826, 0.4478, 0.3839)$

Have a look what the booklet for
Yxy(48.5826, 0.4478, 0.3839)
contains.

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Color

Yxy(48.5813, 0.4473, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	FDA46F
RGB	253, 164, 111
RGB Percent	99%, 64%, 44%
CMY	0.0077, 0.3569, 0.5646
CMYK	0.00, 0.35, 0.56, 0.01
HSL	22°, 97%, 71%
HSV	22°, 56%, 99%
XYZ	56.6634, 48.5813, 21.4340
YIQ	184.5690, 70.0570, 2.3850

Conversions

Conversions Part 2

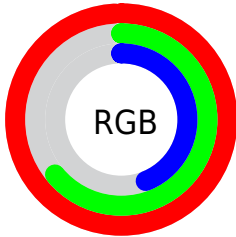
Format	Color
R _Y B	253, 196, 111
Decimal	16622703
CIE Lab	75.19, 27.75, 40.88
CIE LCh	75, 49.411, 55.827
Yxy	48.5813, 0.4473, 0.3835
Android (android.graphics.Color)	4294812783 (0xFFFFDA46F)
YUV	184.5690, -36.2695, 60.0140
Hunter-Lab	69.7003, 23.1375, 30.5575

Details

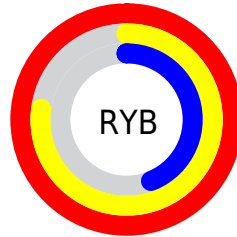
The Yxy color **48.5813, 0.4473, 0.3835** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.8144, 0.2278, 0.2625**, and the grayscale version is **48.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6034, 0.3786, 0.3855**, and **23.2736, 0.4819, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **42.7745, 0.4809, 0.3896**, and if you desaturate by 10%, it is **55.2593, 0.4158, 0.3749**.

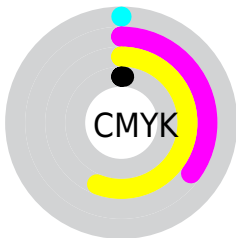
Distribution



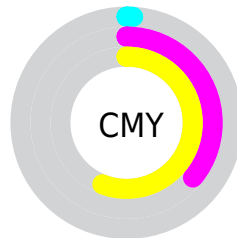
- Red (99%)
- Green (64%)
- Blue (44%)



- Red (99%)
- Yellow (77%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (1%)





- Cyan (1%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5813, 0.4473, 0.3835 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 48.5813, 0.4473, 0.3835 by changing the saturation by 10% instead.


 48.5813, 0.4473,
0.3835


 48.5813, 0.4473,
0.3835


381.0917, 0.3810,
0.3610


 34.2875, 0.4629,
0.3874


 88.0693, 0.4238,
0.3766


 23.1145, 0.4823,
0.3913

 114.0322, 0.4147,
0.3736

 14.6781, 0.5065,
0.3947


 144.6536, 0.4070,
0.3709

 8.5938, 0.5372,
0.3961

 180.3179, 0.4004,
0.3685

 4.4772, 0.5856,
0.3985

221.4094, 0.3946,
0.3663

 1.9439, 0.6253,
0.3747

268.3126, 0.3895,

 0.5746, 0.6909,

0.3644

0.3091

321.4119, 0.3850,
0.3626

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.5813, 0.4473,
0.3835

48.5813, 0.4473,
0.3835

42.7745, 0.4809,
0.3896

55.2593, 0.4158,
0.3749

37.7918, 0.5147,
0.3919

62.8379, 0.3874,
0.3650

33.5920, 0.5459,
0.3892

71.3539, 0.3625,
0.3547

30.1259, 0.5718,
0.3812

80.8398, 0.3410,
0.3444

■ 28.9619, 0.5805,
0.3773

■ 91.3263, 0.3226,
0.3347

99.6295, 0.3115,
0.3290

Harmonies

Analogous

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



48.5813, 0.4354, 0.3321



48.5813, 0.4473, 0.3835



48.5813, 0.4194, 0.4293

Triad

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



48.5813, 0.4473, 0.3835



48.5813, 0.2398, 0.3771



48.5813, 0.2527, 0.2265

Complementary

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



48.5813, 0.4473, 0.3835



51.8144, 0.2278, 0.2625

Split Complementary

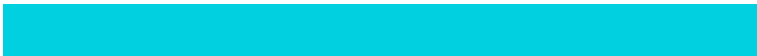
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.5813, 0.2105, 0.2277



48.5813, 0.4473, 0.3835



48.5813, 0.2032, 0.3065

Square

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



48.5813, 0.4473, 0.3835



48.5813, 0.2983, 0.4364



48.5813, 0.1936, 0.2537



48.5813, 0.3156, 0.2468

Rectangle

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



48.5813, 0.4473, 0.3835



48.5813, 0.3846, 0.4493



48.5813, 0.1936, 0.2537



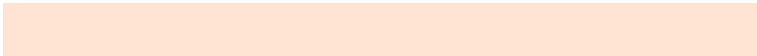
48.5813, 0.2360, 0.2244

Sweetspot

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



48.5837, 0.4473, 0.3835



81.3828, 0.3427, 0.3453



36.4774, 0.3721, 0.2392



16.9905, 0.3469, 0.3474



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.



48.5837, 0.4473, 0.3835



43.0423, 0.4840, 0.3900



80.9405, 0.4033, 0.4481



19.0969, 0.3285, 0.3379



15.6575, 0.5776, 0.3796



1.7257, 0.5562, 0.3966

Inverse Universe

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



51.8144, 0.2278, 0.2625



46.4944, 0.2145, 0.2468



26.4276, 0.2081, 0.1704



19.2759, 0.2979, 0.3199



17.1860, 0.1894, 0.2017



1.8831, 0.1938, 0.2178

Previews

White Background



This preview shows how the Yxy color 48.5813, 0.4473, 0.3835 looks on a white background.

Color Contrast Check

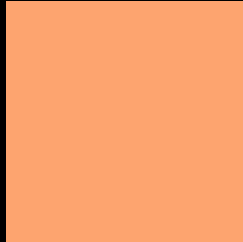
Large Text (above 18pt) WCAG AA × Fail

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 48.5813, 0.4473, 0.3835 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 48.5813, 0.4473, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 48.5813, 0.4473, 0.3835.



This preview shows how white text looks on a background with the Yxy color 48.5813, 0.4473, 0.3835.

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

48.5813, 0.4473, 0.3835

Protanopia

49.0063, 0.3809, 0.4126

Deuteranopia

48.6957, 0.4168, 0.4077



Tritanopia

48.5783, 0.3965, 0.3177

Trichromacy



Original Color

48.5813, 0.4473, 0.3835

Protanomaly

48.4739, 0.4052, 0.4017

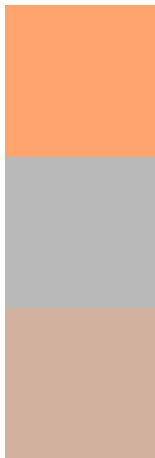
Deuteranomaly

48.4420, 0.4284, 0.3983

Tritanomaly

48.3506, 0.4158, 0.3420

Monochromacy



Original Color

48.5813, 0.4473, 0.3835

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.6145, 0.3589, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5813, 0.4473, 0.3835 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, 164, 111)` looks like.

```
.text, #text, p{  
    color:rgb(253, 164, 111)  
}
```

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, 164, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 164, 111) }
```

Border

The CSS property to change the border of an element to Yxy 48.5813, 0.4473, 0.3835 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, 164, 111) }
```

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

```
.border{ border-color:rgb(253, 164, 111) }
```

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

Here you see how a box with a 4 pixel rgb(253, 164, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 164, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 164, 111);  
box-shadow:4px 4px 4px 4px rgb(253, 164,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5813, 0.4473, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 164, 111) }
```

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

```
.background{ background-color: rgb(253,  
164, 111) }
```

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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