

Converting Colors

$Yxy(51.3335, 0.4537, 0.3637)$

Have a look what the booklet for
Yxy(51.3335, 0.4537, 0.3637)
contains.

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Color

Yxy(47.8823, 0.4390, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FFA07D
RGB	255, 160, 125
RGB Percent	100%, 63%, 49%
CMY	0.0000, 0.3725, 0.5098
CMYK	0.00, 0.37, 0.51, 0.00
HSL	16°, 100%, 75%
HSV	16°, 51%, 100%
XYZ	57.5112, 47.8823, 25.6115
YIQ	184.4150, 67.8550, 9.2550

Conversions

Conversions Part 2

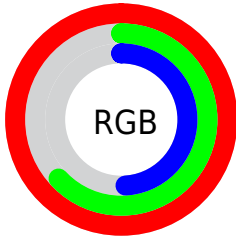
Format	Color
R_{YB}	255, 173, 125
Decimal	16752765
CIE _{Lab}	74.75, 31.74, 33.01
CIE _{LCh}	75, 45.790, 46.125
Yxy	47.8823, 0.4390, 0.3655
Android (android.graphics.Color)	4294942845 (0xFFFFA07D)
YUV	184.4150, -29.2916, 61.9030
Hunter-Lab	69.1970, 27.2604, 26.4933

Details

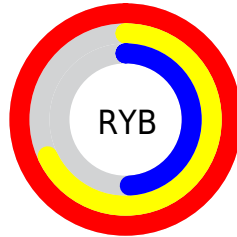
The Yxy color **47.8823, 0.4390, 0.3655** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **62.7568, 0.2381, 0.2868**, and the grayscale version is **48.3128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0752, 0.3697, 0.3672**, and **22.6255, 0.4748, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **41.3310, 0.4760, 0.3706**, and if you desaturate by 10%, it is **55.5738, 0.4057, 0.3588**.

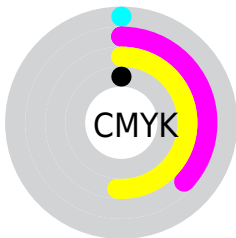
Distribution



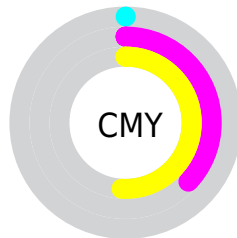
- Red (100%)
- Green (63%)
- Blue (49%)



- Red (100%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8823, 0.4390, 0.3655 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 47.8823, 0.4390, 0.3655 by changing the saturation by 10% instead.


 47.8823, 0.4390,
0.3655


 47.8823, 0.4390,
0.3655


378.3254, 0.3760,
0.3509

 33.7337, 0.4543,
0.3679


 87.0291, 0.4164,
0.3611

 22.6891, 0.4735,
0.3701


 112.7961, 0.4078,
0.3592

 14.3641, 0.4981,
0.3718


 143.2047, 0.4005,
0.3575

 8.3743, 0.5305,
0.3717

178.6393, 0.3942,
0.3559

 4.3354, 0.5751,
0.3676

219.4843, 0.3887,
0.3545

 1.8629, 0.6441,
0.3559

266.1240, 0.3840,

 0.5259, 0.7201,

0.3532

0.2799

318.9429, 0.3797,
0.3520

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8823, 0.4390,
0.3655

47.8823, 0.4390,
0.3655

41.3310, 0.4760,
0.3706

55.5738, 0.4057,
0.3588

35.8566, 0.5150,
0.3728

64.4502, 0.3767,
0.3514

31.4004, 0.5526,
0.3712

74.5625, 0.3522,
0.3438

27.8943, 0.5847,
0.3650

85.9565, 0.3315,
0.3365

■ 25.4760, 0.6066,
0.3565

■ 98.6756, 0.3142,
0.3296

99.9992, 0.3127,
0.3290

Harmonies

Analogous

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



47.8823, 0.4150, 0.3172



47.8823, 0.4390, 0.3655



47.8823, 0.4246, 0.4111

Triad

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



47.8823, 0.4390, 0.3655



47.8823, 0.2609, 0.3941



47.8823, 0.2413, 0.2306

Complementary

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



47.8823, 0.4390, 0.3655



62.7568, 0.2381, 0.2868

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.



47.8823, 0.2089, 0.2393



47.8823, 0.4390, 0.3655



47.8823, 0.2185, 0.3288

Square

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



47.8823, 0.4390, 0.3655



47.8823, 0.3198, 0.4384



47.8823, 0.2009, 0.2724



47.8823, 0.2951, 0.2435

Rectangle

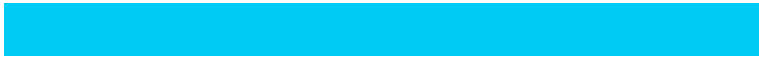
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



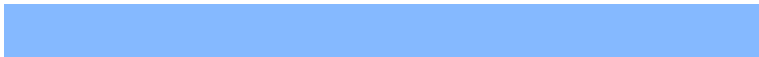
47.8823, 0.4390, 0.3655



47.8823, 0.3974, 0.4341



47.8823, 0.2009, 0.2724



47.8823, 0.2279, 0.2310

Sweetspot

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



47.8847, 0.4390, 0.3655



81.2234, 0.3394, 0.3394



41.1103, 0.3511, 0.2345



16.8715, 0.3437, 0.3409



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.



47.8847, 0.4390, 0.3655



41.3210, 0.4761, 0.3706



76.4079, 0.4020, 0.4279



18.7828, 0.3288, 0.3355



13.5213, 0.6038, 0.3588



1.4878, 0.5819, 0.3762

Inverse Universe

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



62.7568, 0.2381, 0.2868



57.5396, 0.2265, 0.2768



35.1321, 0.2216, 0.2033



19.6051, 0.2980, 0.3224



22.4529, 0.1997, 0.2389



2.3669, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 47.8823, 0.4390, 0.3655 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 47.8823, 0.4390, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

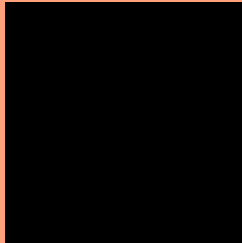
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8823, 0.4390, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 47.8823, 0.4390, 0.3655.



This preview shows how white text looks on a background with the Yxy color 47.8823, 0.4390, 0.3655.

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

47.8823, 0.4390, 0.3655

Protanopia

48.0360, 0.3652, 0.3916

Deuteranopia

47.8280, 0.4013, 0.3928



Tritanopia

47.8270, 0.3992, 0.3177

Trichromacy



Original Color

47.8823, 0.4390, 0.3655

Protanomaly

47.3587, 0.3921, 0.3818

Deuteranomaly

47.5031, 0.4149, 0.3823

Tritanomaly

47.6409, 0.4141, 0.3346

Monochromacy



Original Color

47.8823, 0.4390, 0.3655

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.0059, 0.3550, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8823, 0.4390, 0.3655 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 125) }
```

Border

The CSS property to change the border of an element to Yxy 47.8823, 0.4390, 0.3655 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, 125) }
```

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

```
.border{ border-color:rgb(255, 160, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8823, 0.4390, 0.3655 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, 125) }
```

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

```
.background{ background-color: rgb(255,  
160, 125) }
```

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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