

Converting Colors

Yxy(53.6907, 0.4683, 0.3702)

Have a look what the booklet for
Yxy(53.6907, 0.4683, 0.3702)
contains.

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Color

Yxy(48.0107, 0.4466, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	FFA174
RGB	255, 161, 116
RGB Percent	100%, 63%, 45%
CMY	0.0001, 0.3686, 0.5450
CMYK	0.00, 0.37, 0.54, 0.00
HSL	19°, 100%, 73%
HSV	19°, 54%, 100%
XYZ	57.1318, 48.0107, 22.7837
YIQ	183.9760, 70.4690, 5.9330

Conversions

Conversions Part 2

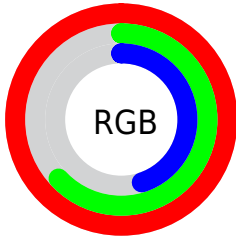
Format	Color
RYB	255, 183, 116
Decimal	16753012
CIELab	74.83, 30.46, 37.87
CIELCh	75, 48.597, 51.193
Yxy	48.0107, 0.4466, 0.3753
Android (android.graphics.Color)	4294943092 (0xFFFFA174)
YUV	183.9760, -33.5122, 62.2880
Hunter-Lab	69.2898, 25.9225, 29.0073

Details

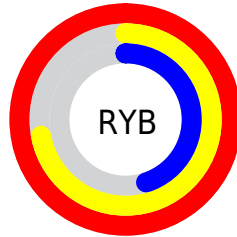
The Yxy color **48.0107, 0.4466, 0.3753** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **57.0141, 0.2318, 0.2736**, and the grayscale version is **48.0808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2363, 0.3760, 0.3775**, and **22.8119, 0.4809, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **41.8820, 0.4822, 0.3807**, and if you desaturate by 10%, it is **55.1380, 0.4138, 0.3677**.

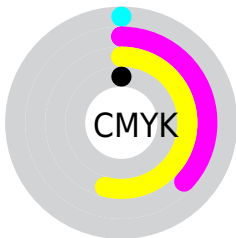
Distribution



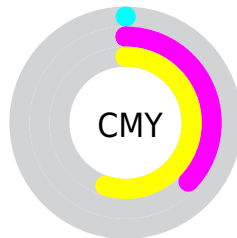
- Red (100%)
- Green (63%)
- Blue (45%)



- Red (100%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0107, 0.4466, 0.3753 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 48.0107, 0.4466, 0.3753 by changing the saturation by 10% instead.


 48.0107, 0.4466,
0.3753

 48.0107, 0.4466,
0.3753

378.8345, 0.3802,
0.3566

 33.8354, 0.4625,
0.3784


 87.2203, 0.4229,
0.3696

 22.7671, 0.4822,
0.3814


 113.0234, 0.4138,
0.3672

 14.4217, 0.5072,
0.3838

 143.4712, 0.4061,
0.3649

 8.4145, 0.5394,
0.3840

178.9481, 0.3995,
0.3629

 4.3613, 0.5870,
0.3826

219.8385, 0.3937,
0.3611

 1.8777, 0.6384,
0.3616

266.5268, 0.3887,

 0.5349, 0.7120,

0.3594

0.2880

319.3973, 0.3842,
0.3579

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.0107, 0.4466,
0.3753

48.0107, 0.4466,
0.3753

41.8820, 0.4822,
0.3807

55.1380, 0.4138,
0.3677

36.6970, 0.5185,
0.3827

63.3005, 0.3847,
0.3590

32.4063, 0.5526,
0.3801

72.5418, 0.3595,
0.3499

28.9515, 0.5808,
0.3725

82.9007, 0.3381,
0.3410

■ 27.3769, 0.5936,
0.3669

■ 94.4139, 0.3199,
0.3326

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



48.0107, 0.4283, 0.3245



48.0107, 0.4466, 0.3753



48.0107, 0.4246, 0.4222

Triad

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



48.0107, 0.4466, 0.3753



48.0107, 0.2485, 0.3872



48.0107, 0.2454, 0.2263

Complementary

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



48.0107, 0.4466, 0.3753



57.0141, 0.2318, 0.2736

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.



48.0107, 0.2074, 0.2311



48.0107, 0.4466, 0.3753



48.0107, 0.2083, 0.3169

Square

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



48.0107, 0.4466, 0.3753



48.0107, 0.3086, 0.4406



48.0107, 0.1946, 0.2611



48.0107, 0.3051, 0.2433

Rectangle

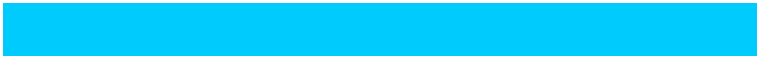
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.0107, 0.4466, 0.3753



48.0107, 0.3927, 0.4445



48.0107, 0.1946, 0.2611



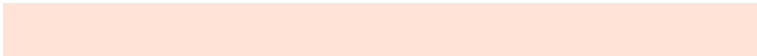
48.0107, 0.2301, 0.2254

Sweetspot

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



48.0131, 0.4466, 0.3753



81.2895, 0.3411, 0.3423



38.4523, 0.3621, 0.2350



16.9304, 0.3453, 0.3442



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.



48.0131, 0.4466, 0.3753



41.6084, 0.4840, 0.3809



78.8333, 0.4046, 0.4397



18.9474, 0.3286, 0.3368



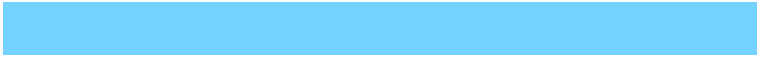
14.5470, 0.5906, 0.3692



1.6050, 0.5686, 0.3867

Inverse Universe

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



57.0141, 0.2318, 0.2736



51.2804, 0.2194, 0.2607



30.1283, 0.2131, 0.1842



19.4314, 0.2980, 0.3211



19.5563, 0.1943, 0.2193



2.1027, 0.1981, 0.2333

Previews

White Background



This preview shows how the Yxy color 48.0107, 0.4466, 0.3753 looks on a white background.

Color Contrast Check

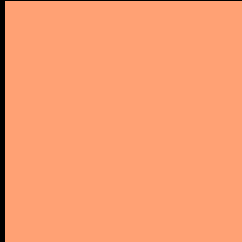
Large Text (above 18pt) WCAG AA × Fail

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 48.0107, 0.4466, 0.3753 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 48.0107, 0.4466, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 48.0107, 0.4466, 0.3753.



This preview shows how white text looks on a background with the Yxy color 48.0107, 0.4466, 0.3753.

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

48.0107, 0.4466, 0.3753

Protanopia

48.4580, 0.3748, 0.4048

Deuteranopia

47.9309, 0.4107, 0.4022



Tritanopia

48.1640, 0.3988, 0.3187

Trichromacy



Original Color

48.0107, 0.4466, 0.3753

Protanomaly

47.6715, 0.4003, 0.3931

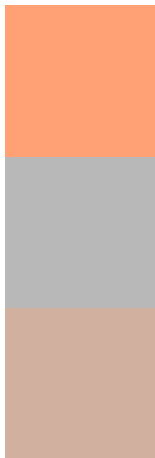
Deuteranomaly

48.0029, 0.4240, 0.3925

Tritanomaly

47.8518, 0.4176, 0.3398

Monochromacy



Original Color

48.0107, 0.4466, 0.3753

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 48.0107, 0.4466, 0.3753 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 116) }
```

Border

The CSS property to change the border of an element to Yxy 48.0107, 0.4466, 0.3753 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, 116) }
```

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

```
.border{ border-color:rgb(255, 161, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0107, 0.4466, 0.3753 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, 116) }
```

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

```
.background{ background-color: rgb(255,  
161, 116) }
```

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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