

Converting Colors

$Y_{xy}(47.3207, 0.4427, 0.3828)$

Have a look what the booklet for
Yxy(47.3207, 0.4427, 0.3828)
contains.

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Color

Yxy(47.3207, 0.4427, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	F8A370
RGB	248, 163, 112
RGB Percent	97%, 64%, 44%
CMY	0.0276, 0.3607, 0.5609
CMYK	0.00, 0.34, 0.55, 0.03
HSL	23°, 91%, 71%
HSV	23°, 55%, 97%
XYZ	54.7254, 47.3207, 21.5712
YIQ	182.6010, 67.0310, 2.1590

Conversions

Conversions Part 2

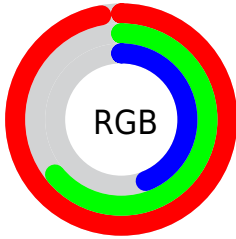
Format	Color
RYB	248, 194, 112
Decimal	16294768
CIELab	74.39, 26.33, 39.26
CIELCh	74, 47.273, 56.152
Yxy	47.3207, 0.4427, 0.3828
Android (android.graphics.Color)	4294484848 (0xFFFF8A370)
YUV	182.6010, -34.8063, 57.3549
Hunter-Lab	68.7900, 21.6217, 29.5608

Details

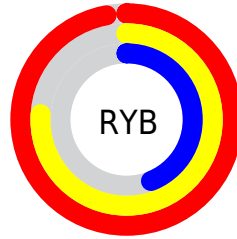
The Yxy color **47.3207, 0.4427, 0.3828** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.1190, 0.2295, 0.2640**, and the grayscale version is **47.2910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1194, 0.3782, 0.3835**, and **22.4191, 0.4766, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **41.6759, 0.4760, 0.3894**, and if you desaturate by 10%, it is **53.7961, 0.4117, 0.3739**.

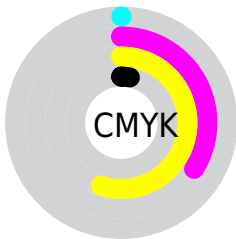
Distribution



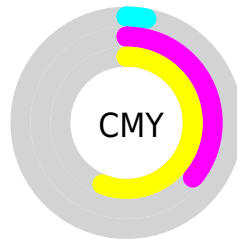
- Red (97%)
- Green (64%)
- Blue (44%)



- Red (97%)
- Yellow (76%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3207, 0.4427, 0.3828 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 47.3207, 0.4427, 0.3828 by changing the saturation by 10% instead.


 47.3207, 0.4427,
0.3828

 47.3207, 0.4427,
0.3828


376.0932, 0.3783,
0.3601

 33.2893, 0.4580,
0.3869


 86.1921, 0.4197,
0.3757

 22.3481, 0.4771,
0.3911


 111.8009, 0.4109,
0.3727

 14.1129, 0.5011,
0.3949


 142.0376, 0.4035,
0.3700

 8.1992, 0.5318,
0.3970

 177.2865, 0.3970,
0.3676

 4.2227, 0.5809,
0.4006

217.9322, 0.3914,
0.3654

 1.7989, 0.6221,
0.3779

264.3589, 0.3865,

 0.4865, 0.6997,

0.3635

0.3003

316.9511, 0.3821,
0.3617

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3207, 0.4427,
0.3828

47.3207, 0.4427,
0.3828

41.6759, 0.4760,
0.3894

53.7961, 0.4117,
0.3739

36.8175, 0.5097,
0.3923

61.1293, 0.3838,
0.3639

32.7073, 0.5413,
0.3904

69.3550, 0.3594,
0.3535

29.2996, 0.5680,
0.3831

78.5035, 0.3384,
0.3432

■ 27.7935, 0.5796,
0.3780

■ 88.6037, 0.3204,
0.3335

■ 98.6917, 0.3084,
0.3290

Harmonies

Analogous

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



47.3207, 0.4314, 0.3329



47.3207, 0.4427, 0.3828



47.3207, 0.4156, 0.4268

Triad

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



47.3207, 0.4427, 0.3828



47.3207, 0.2418, 0.3747



47.3207, 0.2553, 0.2297

Complementary

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



47.3207, 0.4427, 0.3828



50.1190, 0.2295, 0.2640

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.



47.3207, 0.2140, 0.2307



47.3207, 0.4427, 0.3828



47.3207, 0.2064, 0.3068

Square

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



47.3207, 0.4427, 0.3828



47.3207, 0.2984, 0.4318



47.3207, 0.1972, 0.2560



47.3207, 0.3164, 0.2496

Rectangle

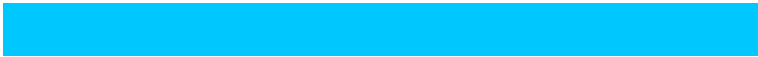
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.3207, 0.4427, 0.3828



47.3207, 0.3819, 0.4454



47.3207, 0.1972, 0.2560



47.3207, 0.2389, 0.2275

Sweetspot

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



47.3231, 0.4427, 0.3828



82.4487, 0.3407, 0.3444



35.6170, 0.3701, 0.2410



17.2050, 0.3449, 0.3465



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.



47.3231, 0.4427, 0.3828



43.7144, 0.4802, 0.3900



77.6262, 0.4013, 0.4458



18.2926, 0.3285, 0.3380



15.2649, 0.5768, 0.3802



1.6101, 0.5544, 0.3980

Inverse Universe

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



50.1190, 0.2295, 0.2640



46.8566, 0.2155, 0.2478



26.2132, 0.2108, 0.1747



18.4497, 0.2980, 0.3199



16.5882, 0.1892, 0.2009



1.7400, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 47.3207, 0.4427, 0.3828 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 47.3207, 0.4427, 0.3828 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 47.3207, 0.4427, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 47.3207, 0.4427, 0.3828.



This preview shows how white text looks on a background with the Yxy color 47.3207, 0.4427, 0.3828.

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

47.3207, 0.4427, 0.3828

Protanopia

47.3652, 0.3788, 0.4089

Deuteranopia

47.4520, 0.4146, 0.4054



Tritanopia

47.2995, 0.3954, 0.3165

Trichromacy



Original Color

47.3207, 0.4427, 0.3828

Protanomaly

47.0867, 0.4018, 0.3995

Deuteranomaly

47.4074, 0.4246, 0.3974

Tritanomaly

47.4436, 0.4135, 0.3410

Monochromacy



Original Color

47.3207, 0.4427, 0.3828

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7504, 0.3573, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3207, 0.4427, 0.3828 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(248, 163, 112)` looks like.

```
.text, #text, p{  
    color:rgb(248, 163, 112)  
}
```

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(248, 163, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 163, 112) }
```

Border

The CSS property to change the border of an element to Yxy 47.3207, 0.4427, 0.3828 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(248, 163, 112) }
```

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

```
.border{ border-color:rgb(248, 163, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 163, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 163, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 163, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 163,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3207, 0.4427, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 163, 112) }
```

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

```
.background{ background-color: rgb(248,  
163, 112) }
```

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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