

Converting Colors

Yxy(51.6148, 0.4515, 0.3858)

Have a look what the booklet for
Yxy(51.6148, 0.4515, 0.3858)
contains.

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Color

Yxy(50.4130, 0.4462, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	FFA86F
RGB	255, 168, 111
RGB Percent	100%, 66%, 44%
CMY	0.0000, 0.3411, 0.5647
CMYK	0.00, 0.34, 0.56, 0.00
HSL	24°, 100%, 72%
HSV	24°, 56%, 100%
XYZ	58.1097, 50.4130, 21.7098
YIQ	187.5150, 70.1490, 0.7170

Conversions

Conversions Part 2

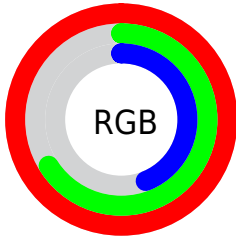
Format	Color
R _Y B	255, 205, 111
Decimal	16754799
CIE Lab	76.32, 26.43, 42.34
CIE LCh	76, 49.906, 58.027
Yxy	50.4130, 0.4462, 0.3871
Android (android.graphics.Color)	4294944879 (0xFFFFA86F)
YUV	187.5150, -37.7219, 59.1843
Hunter-Lab	71.0021, 21.8348, 31.5728

Details

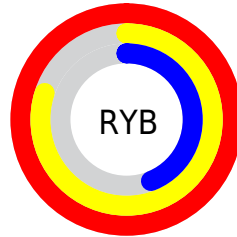
The Yxy color **50.4130, 0.4462, 0.3871** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.9834, 0.2264, 0.2577**, and the grayscale version is **50.1901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2516, 0.3768, 0.3903**, and **24.0677, 0.4805, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **44.5763, 0.4788, 0.3936**, and if you desaturate by 10%, it is **57.0889, 0.4154, 0.3780**.

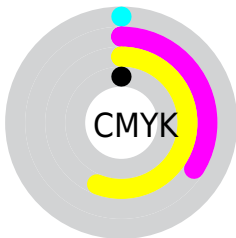
Distribution



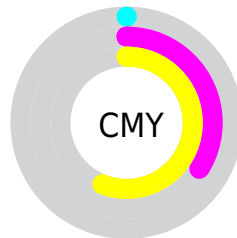
- Red (100%)
- Green (66%)
- Blue (44%)



- Red (100%)
- Yellow (80%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4130, 0.4462, 0.3871 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 50.4130, 0.4462, 0.3871 by changing the saturation by 10% instead.

 50.4130, 0.4462,
0.3871

 50.4130, 0.4462,
0.3871

388.2788, 0.3810,
0.3630


 35.7417, 0.4614,
0.3913


 90.7865, 0.4232,
0.3796


 24.2347, 0.4801,
0.3957


 117.2574, 0.4143,
0.3764

 15.5078, 0.5034,
0.3997


 148.4304, 0.4067,
0.3736

 9.1766, 0.5327,
0.4019

 184.6897, 0.4002,
0.3710

 4.8565, 0.5774,
0.4048

226.4198, 0.3944,
0.3687

 2.1633, 0.6154,
0.3846

274.0051, 0.3894,

 0.6999, 0.6671,

0.3666

0.3329

327.8300, 0.3849,
0.3647

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4130, 0.4462,
0.3871

50.4130, 0.4462,
0.3871

44.5763, 0.4788,
0.3936

57.0889, 0.4154,
0.3780

39.5336, 0.5114,
0.3962

64.6310, 0.3875,
0.3676

35.2463, 0.5414,
0.3937

73.0744, 0.3629,
0.3566

31.6675, 0.5664,
0.3859

82.4495, 0.3415,
0.3457

■ 30.5554, 0.5741,
0.3823

■ 92.7854, 0.3232,
0.3354

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



50.4130, 0.4374, 0.3359



50.4130, 0.4462, 0.3871



50.4130, 0.4158, 0.4319

Triad

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



50.4130, 0.4462, 0.3871



50.4130, 0.2364, 0.3718



50.4130, 0.2568, 0.2275

Complementary

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



50.4130, 0.4462, 0.3871



50.9834, 0.2264, 0.2577

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.



50.4130, 0.2130, 0.2270



50.4130, 0.4462, 0.3871



50.4130, 0.2018, 0.3018

Square

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



50.4130, 0.4462, 0.3871



50.4130, 0.2936, 0.4329



50.4130, 0.1942, 0.2511



50.4130, 0.3207, 0.2492

Rectangle

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



50.4130, 0.4462, 0.3871



50.4130, 0.3801, 0.4503



50.4130, 0.1942, 0.2511



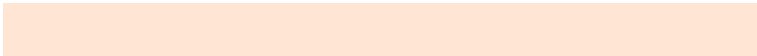
50.4130, 0.2396, 0.2249

Sweetspot

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



50.4155, 0.4462, 0.3871



81.9304, 0.3426, 0.3463



36.7903, 0.3754, 0.2409



17.1192, 0.3467, 0.3485



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.



50.4155, 0.4462, 0.3871



43.7549, 0.4839, 0.3943



83.6673, 0.4026, 0.4507



19.1669, 0.3284, 0.3385



16.2384, 0.5712, 0.3847



1.7871, 0.5503, 0.4013

Inverse Universe

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



50.9834, 0.2264, 0.2577



44.2625, 0.2121, 0.2399



25.9882, 0.2068, 0.1664



19.2037, 0.2979, 0.3194



16.1567, 0.1871, 0.1935



1.7865, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 50.4130, 0.4462, 0.3871 looks on a white background.

Color Contrast Check

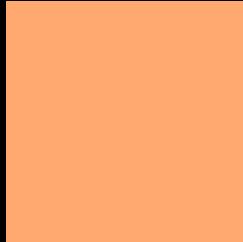
Large Text (above 18pt) WCAG AA × Fail

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 50.4130, 0.4462, 0.3871 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 50.4130, 0.4462, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 50.4130, 0.4462, 0.3871.



This preview shows how white text looks on a background with the Yxy color 50.4130, 0.4462, 0.3871.

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

50.4130, 0.4462, 0.3871

Protanopia

50.8489, 0.3831, 0.4147

Deuteranopia

50.5482, 0.4185, 0.4095



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.4130, 0.4462, 0.3871

Protanomaly

50.1560, 0.4062, 0.4041

Deuteranomaly

50.5055, 0.4284, 0.4016

Tritanomaly

50.4046, 0.4114, 0.3440

Monochromacy



Original Color

50.4130, 0.4462, 0.3871

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5829, 0.3578, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4130, 0.4462, 0.3871 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, 168, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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(255, 168, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 111) }
```

Border

The CSS property to change the border of an element to Yxy 50.4130, 0.4462, 0.3871 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, 168, 111) }
```

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

```
.border{ border-color:rgb(255, 168, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4130, 0.4462, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 111) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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