

Converting Colors

Yxy(50.4820, 0.4412, 0.3813)

Have a look what the booklet for
Yxy(50.4820, 0.4412, 0.3813)
contains.

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Color

Yxy(50.5496, 0.4411, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	FFA875
RGB	255, 168, 117
RGB Percent	100%, 66%, 46%
CMY	0.0001, 0.3411, 0.5412
CMYK	0.00, 0.34, 0.54, 0.00
HSL	22°, 100%, 73%
HSV	22°, 54%, 100%
XYZ	58.4467, 50.5496, 23.5059
YIQ	188.1990, 68.2230, 2.5830

Conversions

Conversions Part 2

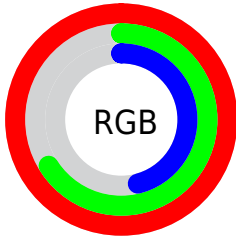
Format	Color
RYB	255, 198, 117
Decimal	16754805
CIELab	76.41, 26.89, 39.34
CIELCh	76, 47.650, 55.652
Yxy	50.5496, 0.4411, 0.3815
Android (android.graphics.Color)	4294944885 (0xFFFFA875)
YUV	188.1990, -35.1011, 58.5845
Hunter-Lab	71.0982, 22.3151, 30.1668

Details

The Yxy color **50.5496, 0.4411, 0.3815** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.1652, 0.2306, 0.2659**, and the grayscale version is **50.5844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4736, 0.3727, 0.3842**, and **24.2688, 0.4755, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **44.4597, 0.4746, 0.3881**, and if you desaturate by 10%, it is **57.5412, 0.4100, 0.3727**.

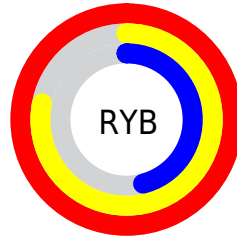
Distribution



Red (100%)

Green (66%)

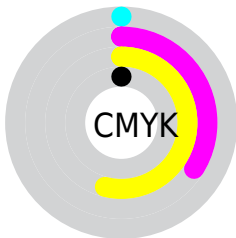
Blue (46%)



Red (100%)

Yellow (78%)

Blue (46%)

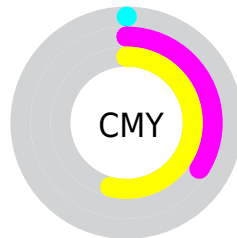


Cyan (0%)

Magenta (34%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5496, 0.4411, 0.3815 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 50.5496, 0.4411, 0.3815 by changing the saturation by 10% instead.


 50.5496, 0.4411,
0.3815

 50.5496, 0.4411,
0.3815


388.8113, 0.3781,
0.3596

 35.8503, 0.4559,
0.3854


 90.9887, 0.4188,
0.3747

 24.3186, 0.4743,
0.3895


 117.4972, 0.4102,
0.3718

 15.5701, 0.4974,
0.3933


 148.7109, 0.4029,
0.3692

 9.2205, 0.5269,
0.3956

185.0142, 0.3966,
0.3669

 4.8853, 0.5686,
0.3963

226.7916, 0.3911,
0.3648

 2.1801, 0.6171,
0.3829

274.4272, 0.3862,

 0.7091, 0.6686,

0.3629

0.3314

328.3057, 0.3819,
0.3612

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5496, 0.4411,
0.3815

50.5496, 0.4411,
0.3815

44.4597, 0.4746,
0.3881

57.5412, 0.4100,
0.3727

39.2235, 0.5087,
0.3912

65.4641, 0.3822,
0.3627

34.7997, 0.5408,
0.3895

74.3559, 0.3580,
0.3524

31.1387, 0.5680,
0.3825

84.2496, 0.3371,
0.3423

■ 29.3110, 0.5814,
0.3765

■ 95.1766, 0.3193,
0.3328

99.9952, 0.3127,
0.3290

Harmonies

Analogous

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



50.5496, 0.4293, 0.3322



50.5496, 0.4411, 0.3815



50.5496, 0.4151, 0.4250

Triad

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



50.5496, 0.4411, 0.3815



50.5496, 0.2436, 0.3751



50.5496, 0.2552, 0.2307

Complementary

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



50.5496, 0.4411, 0.3815



54.1652, 0.2306, 0.2659

Split Complementary

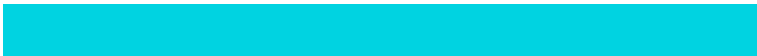
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.5496, 0.2147, 0.2322



50.5496, 0.4411, 0.3815



50.5496, 0.2081, 0.3083

Square

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



50.5496, 0.4411, 0.3815



50.5496, 0.2997, 0.4308



50.5496, 0.1985, 0.2576



50.5496, 0.3153, 0.2501

Rectangle

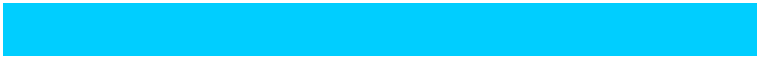
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5496, 0.4411, 0.3815



50.5496, 0.3821, 0.4436



50.5496, 0.1985, 0.2576



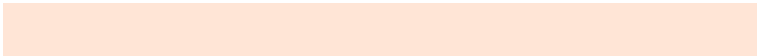
50.5496, 0.2391, 0.2287

Sweetspot

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



50.5521, 0.4411, 0.3815



82.3227, 0.3408, 0.3442



38.3561, 0.3691, 0.2419



17.1751, 0.3449, 0.3463



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.



50.5521, 0.4411, 0.3815



43.9708, 0.4776, 0.3886



82.8641, 0.4003, 0.4446



19.0871, 0.3285, 0.3378



15.5796, 0.5784, 0.3789



1.7174, 0.5570, 0.3959

Inverse Universe

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



54.1652, 0.2306, 0.2659



47.8110, 0.2170, 0.2505



28.4394, 0.2120, 0.1768



19.2860, 0.2979, 0.3200



17.3337, 0.1897, 0.2028



1.8969, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 50.5496, 0.4411, 0.3815 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 50.5496, 0.4411, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

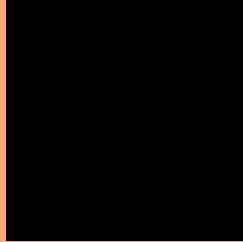
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5496, 0.4411, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 50.5496, 0.4411, 0.3815.



This preview shows how white text looks on a background with the Yxy color 50.5496, 0.4411, 0.3815.

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

50.5496, 0.4411, 0.3815

Protanopia

50.8550, 0.3776, 0.4079

Deuteranopia

50.5154, 0.4129, 0.4037



Tritanopia

50.5104, 0.3898, 0.3176

Trichromacy



Original Color

50.5496, 0.4411, 0.3815

Protanomaly

50.1409, 0.4004, 0.3978

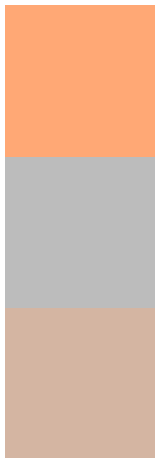
Deuteranomaly

50.4656, 0.4227, 0.3959

Tritanomaly

50.4702, 0.4095, 0.3419

Monochromacy



Original Color

50.5496, 0.4411, 0.3815

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6534, 0.3561, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5496, 0.4411, 0.3815 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 117) }
```

Border

The CSS property to change the border of an element to Yxy 50.5496, 0.4411, 0.3815 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, 117) }
```

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

```
.border{ border-color:rgb(255, 168, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5496, 0.4411, 0.3815 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, 117) }
```

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

```
.background{ background-color: rgb(255,  
168, 117) }
```

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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