

Converting Colors

Yxy(41.6390, 0.4894, 0.3832)

Have a look what the booklet for
Yxy(41.6390, 0.4894, 0.3832)
contains.

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Color

Yxy(41.2619, 0.4884, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E55
RGB	255, 142, 85
RGB Percent	100%, 56%, 33%
CMY	0.0001, 0.4431, 0.6668
CMYK	0.00, 0.44, 0.67, 0.00
HSL	20°, 100%, 67%
HSV	20°, 67%, 100%
XYZ	52.5484, 41.2619, 13.7827
YIQ	169.2890, 85.6450, 6.2290

Conversions

Conversions Part 2

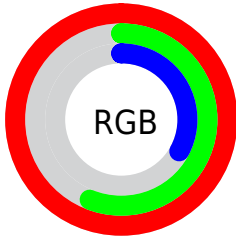
Format	Color
R_{YB}	255, 171, 85
Decimal	16748117
CIE _{Lab}	70.36, 38.13, 48.47
CIE _{LCh}	70, 61.677, 51.809
Yxy	41.2619, 0.4884, 0.3835
Android (android.graphics.Color)	4294938197 (0xFFFF8E55)
YUV	169.2890, -41.5545, 75.1685
Hunter-Lab	64.2354, 33.6116, 32.2433

Details

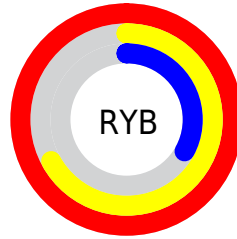
The Yxy color **41.2619, 0.4884, 0.3835** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **49.5103, 0.2170, 0.2560**, and the grayscale version is **40.0057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9701, 0.4088, 0.3921**, and **18.7772, 0.5335, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **36.2642, 0.5240, 0.3848**, and if you desaturate by 10%, it is **47.1762, 0.4530, 0.3784**.

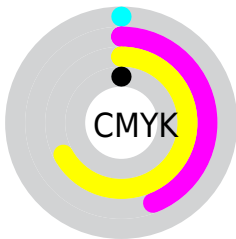
Distribution



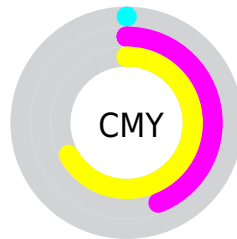
- Red (100%)
- Green (56%)
- Blue (33%)



- Red (100%)
- Yellow (67%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2619, 0.4884, 0.3835 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 41.2619, 0.4884, 0.3835 by changing the saturation by 10% instead.


 41.2619, 0.4884,
0.3835


 41.2619, 0.4884,
0.3835


351.4140, 0.4007,
0.3640

 28.5238, 0.5089,
0.3853


 77.0813, 0.4573,
0.3786

 18.7209, 0.5338,
0.3858


 100.9314, 0.4453,
0.3761

 11.4688, 0.5642,
0.3833


 129.2542, 0.4351,
0.3737

 6.3831, 0.6063,
0.3777

 162.4343, 0.4263,
0.3714

 3.0794, 0.6462,
0.3538

 200.8559, 0.4186,
0.3693

 1.1733, 0.6937,
0.3063

244.9034, 0.4119,

 0.0397, 0.9608,

0.3674

0.0392

294.9614, 0.4059,
0.3656

■ 0.0000, 0.0000,
0.0000

■ 41.2619, 0.4884,
0.3835

■ 41.2619, 0.4884,
0.3835

■ 36.2642, 0.5240,
0.3848

■ 47.1762, 0.4530,
0.3784

■ 32.1257, 0.5566,
0.3812

■ 54.0470, 0.4199,
0.3709


■ 28.7905, 0.5830,
0.3727

■ 61.9193, 0.3902,
0.3620

■ 27.8426, 0.5906,
0.3693

■ 70.8332, 0.3645,
0.3527

■ 80.8264, 0.3424,
0.3434

 91.9346, 0.3236,
0.3346

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



41.2619, 0.4680, 0.3206



41.2619, 0.4884, 0.3835



41.2619, 0.4545, 0.4458

Triad

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



41.2619, 0.4884, 0.3835



41.2619, 0.2255, 0.4061



41.2619, 0.2262, 0.1989

Complementary

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



41.2619, 0.4884, 0.3835



49.5103, 0.2170, 0.2560

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.



41.2619, 0.1792, 0.2026



41.2619, 0.4884, 0.3835



41.2619, 0.1773, 0.3078

Square

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



41.2619, 0.4884, 0.3835



41.2619, 0.3016, 0.4823



41.2619, 0.1627, 0.2368



41.2619, 0.3029, 0.2207

Rectangle

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



41.2619, 0.4884, 0.3835



41.2619, 0.4109, 0.4794



41.2619, 0.1627, 0.2368



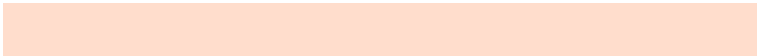
41.2619, 0.2071, 0.1971

Sweetspot

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



41.2641, 0.4884, 0.3835



77.3918, 0.3493, 0.3465



31.8418, 0.3814, 0.2220



15.9620, 0.3555, 0.3491



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.



41.2641, 0.4884, 0.3835



34.7998, 0.5353, 0.3842



76.6605, 0.4217, 0.4602



18.9829, 0.3286, 0.3370



14.7949, 0.5876, 0.3716



1.6324, 0.5657, 0.3890

Inverse Universe

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



49.5103, 0.2170, 0.2560



43.2743, 0.2045, 0.2386



21.0280, 0.1900, 0.1441



19.3943, 0.2980, 0.3208



18.9718, 0.1931, 0.2151



2.0489, 0.1971, 0.2296

Previews

White Background



This preview shows how the Yxy color 41.2619, 0.4884, 0.3835 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 41.2619, 0.4884, 0.3835 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 41.2619, 0.4884, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 41.2619, 0.4884, 0.3835.



This preview shows how white text looks on a background with the Yxy color 41.2619, 0.4884, 0.3835.

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

41.2619, 0.4884, 0.3835

Protanopia

41.6605, 0.3953, 0.4306

Deuteranopia

41.2762, 0.4357, 0.4265



Tritanopia

41.2266, 0.4298, 0.3200

Trichromacy



Original Color

41.2619, 0.4884, 0.3835

Protanomaly

40.8921, 0.4298, 0.4131

Deuteranomaly

40.8801, 0.4551, 0.4098

Tritanomaly

41.1805, 0.4530, 0.3447

Monochromacy



Original Color

41.2619, 0.4884, 0.3835

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9106, 0.3739, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2619, 0.4884, 0.3835 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, 142, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 85)  
}
```

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, 142, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 85) }
```

Border

The CSS property to change the border of an element to Yxy 41.2619, 0.4884, 0.3835 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, 142, 85) }
```

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

```
.border{ border-color:rgb(255, 142, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2619, 0.4884, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 85) }
```

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

```
.background{ background-color: rgb(255,  
142, 85) }
```

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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