

Converting Colors

Yxy(51.6702, 0.4252, 0.3823)

Have a look what the booklet for
Yxy(51.6702, 0.4252, 0.3823)
contains.

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Color

Yxy(51.6838, 0.4252, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	F8AE7C
RGB	248, 174, 124
RGB Percent	97%, 68%, 49%
CMY	0.0275, 0.3176, 0.5136
CMYK	0.00, 0.30, 0.50, 0.03
HSL	24°, 90%, 73%
HSV	24°, 50%, 97%
XYZ	57.4835, 51.6838, 26.0244
YIQ	190.4260, 60.1540, 0.1380

Conversions

Conversions Part 2

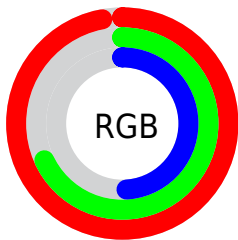
Format	Color
R _Y B	248, 208, 124
Decimal	16297596
CIE Lab	77.09, 21.58, 36.38
CIE LCh	77, 42.302, 59.327
Yxy	51.6838, 0.4252, 0.3823
Android (android.graphics.Color)	4294487676 (0xFFF8AE7C)
YUV	190.4260, -32.7480, 50.4924
Hunter-Lab	71.8914, 16.9164, 28.8613

Details

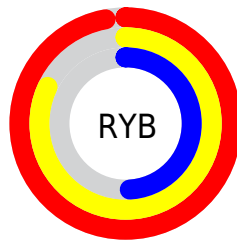
The Yxy color **51.6838, 0.4252, 0.3823** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **51.4545, 0.2352, 0.2663**, and the grayscale version is **51.9203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0280, 0.3660, 0.3828**, and **24.9880, 0.4554, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **45.7284, 0.4564, 0.3908**, and if you desaturate by 10%, it is **58.4322, 0.3965, 0.3720**.

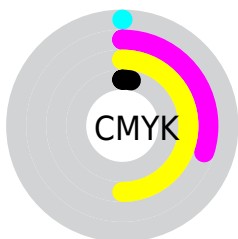
Distribution



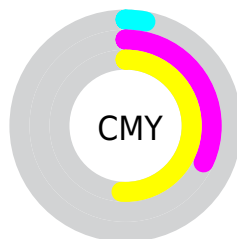
- Red (97%)
- Green (68%)
- Blue (49%)



- Red (97%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (3%)




- Cyan (3%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6838, 0.4252, 0.3823 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 51.6838, 0.4252, 0.3823 by changing the saturation by 10% instead.


 51.6838, 0.4252,
0.3823


 51.6838, 0.4252,
0.3823


393.2147, 0.3701,
0.3591

 36.7531, 0.4382,
0.3869


 92.6647, 0.4056,
0.3748

 25.0164, 0.4545,
0.3920


 119.4838, 0.3981,
0.3717

 16.0893, 0.4750,
0.3974


 151.0344, 0.3917,
0.3689

 9.5873, 0.5015,
0.4026

187.7009, 0.3862,
0.3665

 5.1262, 0.5367,
0.4061

229.8679, 0.3814,
0.3644

 2.3215, 0.5919,
0.4081

277.9195, 0.3772,

 0.7851, 0.6324,

0.3624

0.3676

332.2403, 0.3734,
0.3607

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6838, 0.4252,
0.3823

51.6838, 0.4252,
0.3823

45.7284, 0.4564,
0.3908

58.4322, 0.3965,
0.3720

40.5258, 0.4889,
0.3963


65.9960, 0.3709,
0.3610


36.0435, 0.5205,
0.3974

74.4063, 0.3485,
0.3499

32.2423, 0.5487,
0.3932

83.6900, 0.3292,
0.3391

 29.0710, 0.5718,
0.3842

 93.8728, 0.3127,
0.3290

 29.0667, 0.5718,
0.3842

 98.6940, 0.3084,
0.3290

Harmonies

Analogous

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



51.6838, 0.4185, 0.3382



51.6838, 0.4252, 0.3823



51.6838, 0.3993, 0.4186

Triad

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



51.6838, 0.4252, 0.3823



51.6838, 0.2466, 0.3624



51.6838, 0.2676, 0.2421

Complementary

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



51.6838, 0.4252, 0.3823



51.4545, 0.2352, 0.2663

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.



51.6838, 0.2285, 0.2413



51.6838, 0.4252, 0.3823



51.6838, 0.2171, 0.3050

Square

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



51.6838, 0.4252, 0.3823



51.6838, 0.2952, 0.4131



51.6838, 0.2111, 0.2621



51.6838, 0.3226, 0.2616

Rectangle

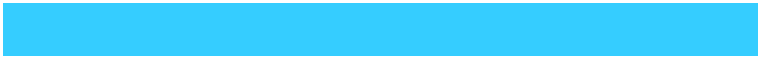
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.6838, 0.4252, 0.3823



51.6838, 0.3689, 0.4318



51.6838, 0.2111, 0.2621



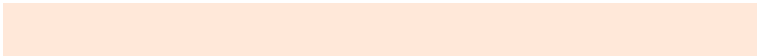
51.6838, 0.2524, 0.2396

Sweetspot

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



51.6863, 0.4252, 0.3823



84.0674, 0.3386, 0.3445



38.4727, 0.3676, 0.2518



17.5516, 0.3427, 0.3467



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.



51.6863, 0.4252, 0.3823



48.6600, 0.4568, 0.3909



81.1656, 0.3918, 0.4403



18.3740, 0.3284, 0.3386



15.9613, 0.5690, 0.3864



1.6800, 0.5473, 0.4037

Inverse Universe

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



51.4545, 0.2352, 0.2663



48.3212, 0.2214, 0.2508



28.7923, 0.2195, 0.1852



18.3658, 0.2980, 0.3192



15.3853, 0.1864, 0.1910



1.6327, 0.1914, 0.2091

Previews

White Background



This preview shows how the Yxy color 51.6838, 0.4252, 0.3823 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 51.6838, 0.4252, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

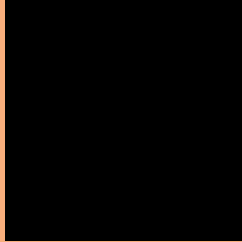
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6838, 0.4252, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 51.6838, 0.4252, 0.3823.



This preview shows how white text looks on a background with the Yxy color 51.6838, 0.4252, 0.3823.

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

51.6838, 0.4252, 0.3823

Protanopia

52.0221, 0.3730, 0.4027

Deuteranopia

51.6840, 0.4062, 0.3971



Tritanopia

51.7748, 0.3818, 0.3165

Trichromacy



Original Color

51.6838, 0.4252, 0.3823

Protanomaly

51.6286, 0.3916, 0.3960

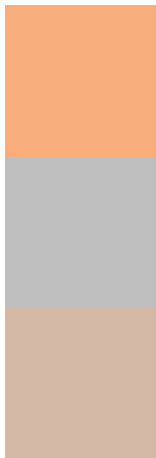
Deuteranomaly

51.6748, 0.4134, 0.3911

Tritanomaly

51.7619, 0.3980, 0.3410

Monochromacy



Original Color

51.6838, 0.4252, 0.3823

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.8830, 0.3510, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6838, 0.4252, 0.3823 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, 174, 124)` looks like.

```
.text, #text, p{  
    color:rgb(248, 174, 124)  
}
```

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, 174, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 174, 124) }
```

Border

The CSS property to change the border of an element to Yxy 51.6838, 0.4252, 0.3823 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, 174, 124) }
```

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

```
.border{ border-color:rgb(248, 174, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 174, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 174, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 174, 124);  
box-shadow:4px 4px 4px 4px rgb(248, 174,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6838, 0.4252, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 174, 124) }
```

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

```
.background{ background-color: rgb(248,  
174, 124) }
```

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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