

Converting Colors

Yxy(52.6856, 0.4143, 0.3812)

Have a look what the booklet for
Yxy(52.6856, 0.4143, 0.3812)
contains.

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Color

Yxy(52.6856, 0.4143, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	F4B282
RGB	244, 178, 130
RGB Percent	96%, 70%, 51%
CMY	0.0431, 0.3020, 0.4903
CMYK	0.00, 0.27, 0.47, 0.04
HSL	25°, 84%, 73%
HSV	25°, 47%, 96%
XYZ	57.2603, 52.6856, 28.2639
YIQ	192.2620, 54.7440, -0.9360

Conversions

Conversions Part 2

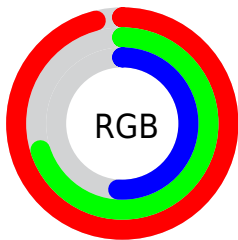
Format	Color
R _Y B	244, 213, 130
Decimal	16036482
CIE Lab	77.69, 18.46, 33.95
CIE LCh	78, 38.643, 61.472
Yxy	52.6856, 0.4143, 0.3812
Android (android.graphics.Color)	4294226562 (0xFFFF4B282)
YUV	192.2620, -30.6952, 45.3742
Hunter-Lab	72.5848, 13.7906, 27.7224

Details

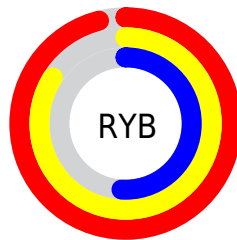
The Yxy color **52.6856, 0.4143, 0.3812** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7543, 0.2395, 0.2685**, and the grayscale version is **53.0333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5245, 0.3609, 0.3806**, and **25.5607, 0.4405, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **46.7739, 0.4441, 0.3909**, and if you desaturate by 10%, it is **59.3367, 0.3871, 0.3701**.

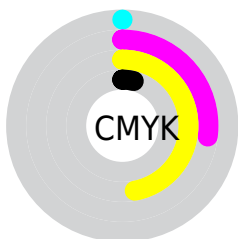
Distribution



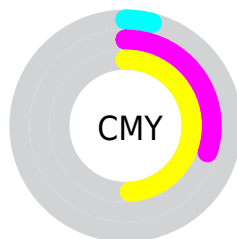
- Red (96%)
- Green (70%)
- Blue (51%)



- Red (96%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (4%)




- Cyan (4%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6856, 0.4143, 0.3812 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 52.6856, 0.4143, 0.3812 by changing the saturation by 10% instead.


 52.6856, 0.4143,
0.3812


 52.6856, 0.4143,
0.3812


397.0777, 0.3646,
0.3580

 37.5518, 0.4261,
0.3860


 94.1416, 0.3966,
0.3735

 25.6350, 0.4408,
0.3915


 121.2326, 0.3899,
0.3704

 16.5508, 0.4595,
0.3977


 153.0781, 0.3841,
0.3677

 9.9148, 0.4838,
0.4044

190.0626, 0.3791,
0.3653

 5.3425, 0.5159,
0.4101

232.5704, 0.3748,
0.3631

 2.4496, 0.5764,
0.4236

280.9859, 0.3710,

 0.8512, 0.6102,

0.3612

0.3898

335.6936, 0.3676,
0.3595

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6856, 0.4143,
0.3812

52.6856, 0.4143,
0.3812

46.7739, 0.4441,
0.3909

59.3367, 0.3871,
0.3701

41.5652, 0.4755,
0.3979

66.7461, 0.3629,
0.3585

37.0313, 0.5067,
0.4010

74.9418, 0.3418,
0.3470

33.1380, 0.5355,
0.3990

83.9476, 0.3235,
0.3360

■ 29.8462, 0.5594,
0.3915

■ 93.7864, 0.3078,
0.3257

■ 28.8873, 0.5665,
0.3884

■ 97.9754, 0.3060,
0.3290

Harmonies

Analogous

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



52.6856, 0.4101, 0.3410



52.6856, 0.4143, 0.3812



52.6856, 0.3894, 0.4127

Triad

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



52.6856, 0.4143, 0.3812



52.6856, 0.2500, 0.3556



52.6856, 0.2750, 0.2500

Complementary

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



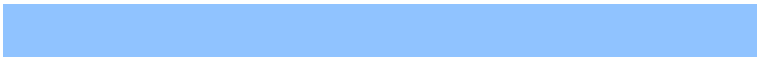
52.6856, 0.4143, 0.3812



50.7543, 0.2395, 0.2685

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.



52.6856, 0.2376, 0.2482



52.6856, 0.4143, 0.3812



52.6856, 0.2240, 0.3043

Square

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



52.6856, 0.4143, 0.3812



52.6856, 0.2937, 0.4021



52.6856, 0.2199, 0.2663



52.6856, 0.3258, 0.2690

Rectangle

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



52.6856, 0.4143, 0.3812



52.6856, 0.3610, 0.4227



52.6856, 0.2199, 0.2663



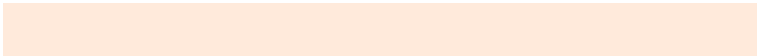
52.6856, 0.2606, 0.2473

Sweetspot

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



52.6882, 0.4143, 0.3812



85.4260, 0.3366, 0.3440



39.2046, 0.3646, 0.2584



17.8381, 0.3407, 0.3464



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.



52.6882, 0.4143, 0.3812



52.0666, 0.4423, 0.3903



79.9835, 0.3860, 0.4354



17.6294, 0.3283, 0.3390



15.9621, 0.5637, 0.3906



1.6016, 0.5415, 0.4083

Inverse Universe

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



50.7543, 0.2395, 0.2685



49.6482, 0.2260, 0.2536



29.8831, 0.2258, 0.1937



17.5203, 0.2980, 0.3188



14.2264, 0.1847, 0.1848



1.4535, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 52.6856, 0.4143, 0.3812 looks on a white background.

Color Contrast Check

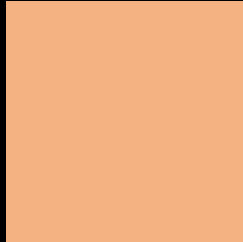
Large Text (above 18pt) WCAG AA × Fail

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 52.6856, 0.4143, 0.3812 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 52.6856, 0.4143, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 52.6856, 0.4143, 0.3812.



This preview shows how white text looks on a background with the Yxy color 52.6856, 0.4143, 0.3812.

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

52.6856, 0.4143, 0.3812

Protanopia

52.7422, 0.3696, 0.3976

Deuteranopia

52.6890, 0.3994, 0.3916



Tritanopia

52.7262, 0.3724, 0.3153

Trichromacy



Original Color

52.6856, 0.4143, 0.3812

Protanomaly

52.4775, 0.3849, 0.3915

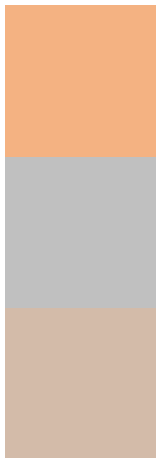
Deuteranomaly

52.7030, 0.4049, 0.3884

Tritanomaly

52.7266, 0.3882, 0.3401

Monochromacy



Original Color

52.6856, 0.4143, 0.3812

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2541, 0.3478, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6856, 0.4143, 0.3812 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(244, 178, 130)` looks like.

```
.text, #text, p{  
    color:rgb(244, 178, 130)  
}
```

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(244, 178, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 178, 130) }
```

Border

The CSS property to change the border of an element to Yxy 52.6856, 0.4143, 0.3812 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(244, 178, 130) }
```

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

```
.border{ border-color:rgb(244, 178, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 178, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(244, 178,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6856, 0.4143, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 178, 130) }
```

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

```
.background{ background-color: rgb(244,  
178, 130) }
```

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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