

Converting Colors

Yxy(52.6741, 0.4130, 0.3883)

Have a look what the booklet for
Yxy(52.6741, 0.4130, 0.3883)
contains.

| | |
|-------------------------------------------|----|
| Yxy(52.6741, 0.4130, 0.3883) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(52.6741, 0.4130, 0.3883)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0B47E |
| RGB | 240, 180, 126 |
| RGB Percent | 94%, 71%, 49% |
| CMY | 0.0588, 0.2941, 0.5059 |
| CMYK | 0.00, 0.25, 0.47, 0.06 |
| HSL | 28°, 79%, 72% |
| HSV | 28°, 47%, 94% |
| XYZ | 56.0247, 52.6741, 26.9543 |
| YIQ | 191.7840, 53.0940, -4.0740 |

Conversions

Conversions Part 2

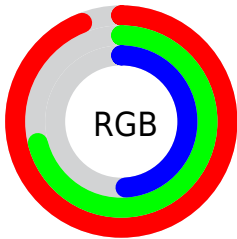
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 240, 229, 126 |
| Decimal | 15774846 |
| CIE _{Lab} | 77.68, 15.43, 35.94 |
| CIE _{LCh} | 78, 39.112, 66.772 |
| Yxy | 52.6741, 0.4130, 0.3883 |
| Android (android.graphics.Color) | 4293964926 (0xFFFF0B47E) |
| YUV | 191.7840, -32.4315, 42.2854 |
| Hunter-Lab | 72.5769, 10.7809, 28.7842 |

Details

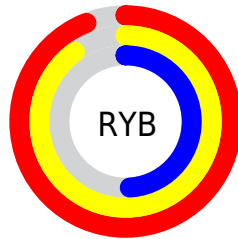
The Yxy color **52.6741, 0.4130, 0.3883** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8507, 0.2369, 0.2593**, and the grayscale version is **52.7511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5056, 0.3630, 0.3865**, and **25.5243, 0.4383, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **47.2590, 0.4410, 0.3991**, and if you desaturate by 10%, it is **58.7078, 0.3870, 0.3760**.

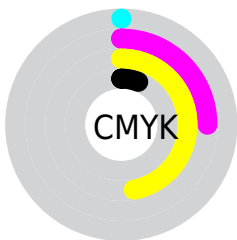
Distribution



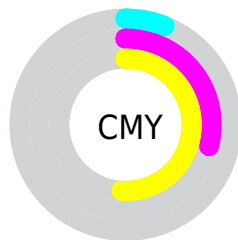
- Red (94%)
- Green (71%)
- Blue (49%)



- Red (94%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6741, 0.4130, 0.3883 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 52.6741, 0.4130, 0.3883 by changing the saturation by 10% instead.


 52.6741, 0.4130,
0.3883


 52.6741, 0.4130,
0.3883


397.0335, 0.3641,
0.3616

 37.5427, 0.4245,
0.3939


 94.1246, 0.3957,
0.3794

 25.6279, 0.4388,
0.4004


 121.2125, 0.3891,
0.3758

 16.5455, 0.4569,
0.4080

 153.0547, 0.3834,
0.3726

 9.9110, 0.4801,
0.4162

190.0355, 0.3785,
0.3699

 5.3400, 0.5105,
0.4241

232.5395, 0.3742,
0.3674

 2.4481, 0.5627,
0.4373

280.9508, 0.3704,

 0.8505, 0.5919,

0.3653

0.4081

335.6540, 0.3671,
0.3633

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6741, 0.4130,
0.3883

52.6741, 0.4130,
0.3883

47.2590, 0.4410,
0.3991

58.7078, 0.3870,
0.3760

42.4318, 0.4700,
0.4071


65.3741, 0.3636,
0.3631

38.1698, 0.4984,
0.4110


72.6960, 0.3429,
0.3502


34.4451, 0.5243,
0.4097

80.6927, 0.3247,
0.3378

 31.2245, 0.5459,
0.4029

 89.3826, 0.3090,
0.3262

 30.4889, 0.5510,
0.4007

 97.2668, 0.3035,
0.3290

Harmonies

Analogous

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



52.6741, 0.4144, 0.3484



52.6741, 0.4130, 0.3883



52.6741, 0.3834, 0.4175

Triad

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



52.6741, 0.4130, 0.3883



52.6741, 0.2431, 0.3464



52.6741, 0.2829, 0.2513

Complementary

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



52.6741, 0.4130, 0.3883



45.8507, 0.2369, 0.2593

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.



52.6741, 0.2421, 0.2462



52.6741, 0.4130, 0.3883



52.6741, 0.2207, 0.2958

Square

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



52.6741, 0.4130, 0.3883



52.6741, 0.2847, 0.3961



52.6741, 0.2205, 0.2608



52.6741, 0.3355, 0.2733

Rectangle

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



52.6741, 0.4130, 0.3883



52.6741, 0.3529, 0.4245



52.6741, 0.2205, 0.2608



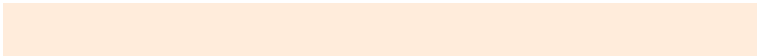
52.6741, 0.2675, 0.2476

Sweetspot

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



52.6766, 0.4130, 0.3883



86.5016, 0.3363, 0.3459



37.0295, 0.3721, 0.2632



18.0993, 0.3404, 0.3486



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.



52.6766, 0.4130, 0.3883



54.4158, 0.4401, 0.3988



80.1443, 0.3845, 0.4417



16.9937, 0.3281, 0.3402



16.9510, 0.5484, 0.4028



1.6080, 0.5270, 0.4198

Inverse Universe

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



45.8507, 0.2369, 0.2593



45.6963, 0.2224, 0.2419



26.6415, 0.2230, 0.1840



16.6059, 0.2980, 0.3175



11.9268, 0.1797, 0.1667



1.1914, 0.1860, 0.1896

Previews

White Background



This preview shows how the Yxy color 52.6741, 0.4130, 0.3883 looks on a white background.

Color Contrast Check

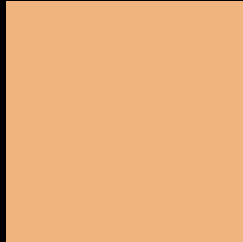
Large Text (above 18pt) WCAG AA × Fail

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 52.6741, 0.4130, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

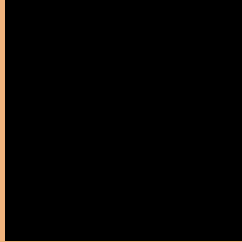
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6741, 0.4130, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 52.6741, 0.4130, 0.3883.



This preview shows how white text looks on a background with the Yxy color 52.6741, 0.4130, 0.3883.

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

52.6741, 0.4130, 0.3883

Protanopia

52.7479, 0.3744, 0.4033

Deuteranopia

52.7506, 0.4036, 0.3957



Tritanopia

52.4627, 0.3667, 0.3140

Trichromacy



Original Color

52.6741, 0.4130, 0.3883

Protanomaly

52.7671, 0.3885, 0.3983

Deuteranomaly

52.8401, 0.4068, 0.3939

Tritanomaly

52.3950, 0.3843, 0.3413

Monochromacy



Original Color

52.6741, 0.4130, 0.3883

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3489, 0.3466, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6741, 0.4130, 0.3883 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(240, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 126)  
}
```

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(240, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 126) }
```

Border

The CSS property to change the border of an element to Yxy 52.6741, 0.4130, 0.3883 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(240, 180, 126) }
```

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

```
.border{ border-color:rgb(240, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6741, 0.4130, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 126) }
```

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

```
.background{ background-color: rgb(240,  
180, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor