

Converting Colors

Yxy(51.1428, 0.4171, 0.3706)

Have a look what the booklet for
Yxy(51.1428, 0.4171, 0.3706)
contains.

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Color

Yxy(51.0004, 0.4167, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	F7AC86
RGB	247, 172, 134
RGB Percent	97%, 67%, 53%
CMY	0.0313, 0.3255, 0.4744
CMYK	0.00, 0.30, 0.46, 0.03
HSL	20°, 88%, 75%
HSV	20°, 46%, 97%
XYZ	57.4220, 51.0004, 29.3793
YIQ	190.0930, 56.8980, 4.0820

Conversions

Conversions Part 2

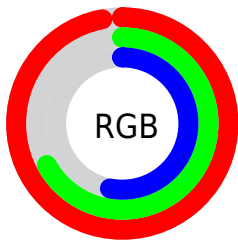
Format	Color
R _Y B	247, 191, 134
Decimal	16231558
CIE Lab	76.68, 23.21, 30.55
CIE LCh	77, 38.367, 52.784
Yxy	51.0004, 0.4167, 0.3701
Android (android.graphics.Color)	4294421638 (0xFFF7AC86)
YUV	190.0930, -27.6538, 49.9074
Hunter-Lab	71.4146, 18.5501, 25.5988

Details

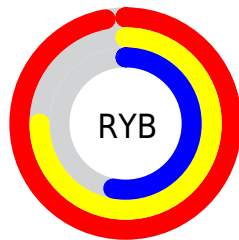
The Yxy color **51.0004, 0.4167, 0.3701** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **57.4171, 0.2431, 0.2823**, and the grayscale version is **51.6893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3776, 0.3590, 0.3697**, and **24.5251, 0.4448, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **44.5294, 0.4494, 0.3778**, and if you desaturate by 10%, it is **58.4080, 0.3875, 0.3612**.

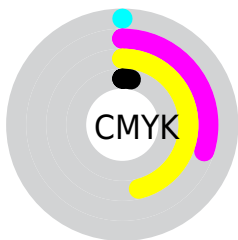
Distribution



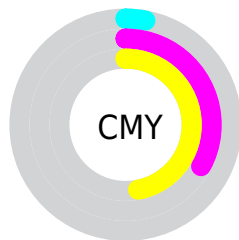
- Red (97%)
- Green (67%)
- Blue (53%)



- Red (97%)
- Yellow (75%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0004, 0.4167, 0.3701 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 51.0004, 0.4167, 0.3701 by changing the saturation by 10% instead.


 51.0004, 0.4167,
0.3701

 51.0004, 0.4167,
0.3701


390.5653, 0.3653,
0.3523


 36.2089, 0.4291,
0.3736


 91.6554, 0.3983,
0.3643

 24.5956, 0.4447,
0.3776


 118.2876, 0.3913,
0.3619

 15.7760, 0.4647,
0.3819


 149.6356, 0.3853,
0.3598

 9.3658, 0.4912,
0.3860

186.0838, 0.3802,
0.3580

 4.9805, 0.5271,
0.3883

228.0164, 0.3758,
0.3563

 2.2358, 0.6003,
0.3997

275.8180, 0.3718,

 0.7394, 0.6454,

0.3548

329.8728, 0.3684,
0.3535

0.3546

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0004, 0.4167,
0.3701

51.0004, 0.4167,
0.3701

44.5294, 0.4494,
0.3778

58.4080, 0.3875,
0.3612

38.9481, 0.4846,
0.3832

66.7816, 0.3621,
0.3518

34.2167, 0.5202,
0.3850

76.1583, 0.3404,
0.3426

30.2885, 0.5532,
0.3820

86.5709, 0.3220,
0.3338

■ 27.1108, 0.5803,
0.3739

■ 97.8864, 0.3078,
0.3280

■ 25.9658, 0.5902,
0.3696

■ 98.5193, 0.3078,
0.3290

Harmonies

Analogous

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



51.0004, 0.4035, 0.3291



51.0004, 0.4167, 0.3701



51.0004, 0.3994, 0.4054

Triad

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



51.0004, 0.4167, 0.3701



51.0004, 0.2610, 0.3708



51.0004, 0.2622, 0.2473

Complementary

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



51.0004, 0.4167, 0.3701



57.4171, 0.2431, 0.2823

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.



51.0004, 0.2301, 0.2510



51.0004, 0.4167, 0.3701



51.0004, 0.2291, 0.3183

Square

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



51.0004, 0.4167, 0.3701



51.0004, 0.3083, 0.4118



51.0004, 0.2185, 0.2751



51.0004, 0.3103, 0.2617

Rectangle

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



51.0004, 0.4167, 0.3701



51.0004, 0.3744, 0.4201



51.0004, 0.2185, 0.2751



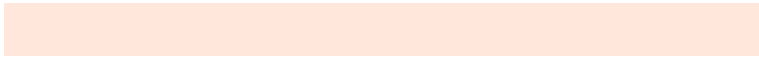
51.0004, 0.2494, 0.2464

Sweetspot

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



51.0029, 0.4167, 0.3701



83.7074, 0.3370, 0.3410



41.4568, 0.3534, 0.2507



17.4218, 0.3413, 0.3430



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.



51.0029, 0.4167, 0.3701



48.2880, 0.4472, 0.3774



77.0947, 0.3887, 0.4252



17.3923, 0.3285, 0.3370



13.9627, 0.5872, 0.3720



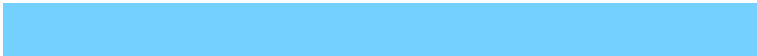
1.4091, 0.5630, 0.3912

Inverse Universe

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



57.4171, 0.2431, 0.2823



55.8997, 0.2307, 0.2708



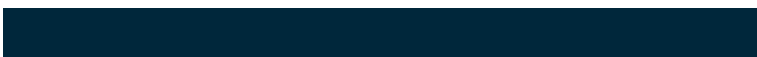
34.5228, 0.2300, 0.2090



17.7650, 0.2980, 0.3209



17.8680, 0.1931, 0.2152



1.7595, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 51.0004, 0.4167, 0.3701 looks on a white background.

Color Contrast Check

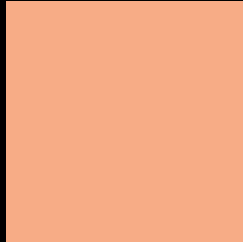
Large Text (above 18pt) WCAG AA × Fail

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 51.0004, 0.4167, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

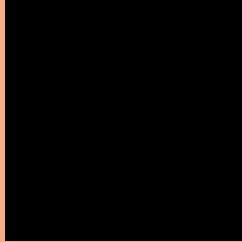
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0004, 0.4167, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 51.0004, 0.4167, 0.3701.



This preview shows how white text looks on a background with the Yxy color 51.0004, 0.4167, 0.3701.

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

51.0004, 0.4167, 0.3701

Protanopia

51.0447, 0.3623, 0.3876

Deuteranopia

50.8824, 0.3948, 0.3859



Tritanopia

51.0363, 0.3803, 0.3153

Trichromacy



Original Color

51.0004, 0.4167, 0.3701



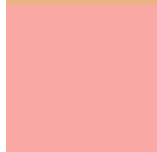
Protanomaly

50.7911, 0.3816, 0.3815



Deuteranomaly

51.0267, 0.4027, 0.3799



Tritanomaly

50.9736, 0.3941, 0.3346

Monochromacy



Original Color

51.0004, 0.4167, 0.3701



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.6181, 0.3478, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0004, 0.4167, 0.3701 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(247, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(247, 172, 134)  
}
```

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(247, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 172, 134) }
```

Border

The CSS property to change the border of an element to Yxy 51.0004, 0.4167, 0.3701 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(247, 172, 134) }
```

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

```
.border{ border-color:rgb(247, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(247, 172,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0004, 0.4167, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 172, 134) }
```

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

```
.background{ background-color: rgb(247,  
172, 134) }
```

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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