

Converting Colors

$Yxy(62.5863, 0.4021, 0.4013)$

Have a look what the booklet for
Yxy(62.5863, 0.4021, 0.4013)
contains.

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Color

Yxy(62.3870, 0.4019, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	F5C884
RGB	245, 200, 132
RGB Percent	96%, 78%, 52%
CMY	0.0394, 0.2156, 0.4824
CMYK	0.00, 0.18, 0.46, 0.04
HSL	36°, 85%, 74%
HSV	36°, 46%, 96%
XYZ	62.4647, 62.3870, 30.5718
YIQ	205.7030, 48.6480, -11.6080

Conversions

Conversions Part 2

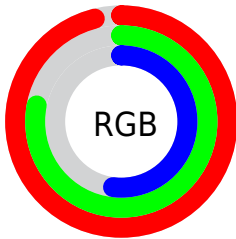
Format	Color
R_{YB}	207, 245, 132
Decimal	16107652
CIE _{Lab}	83.12, 7.48, 39.93
CIE _{LCh}	83, 40.625, 79.395
Yxy	62.3870, 0.4019, 0.4014
Android (android.graphics.Color)	4294297732 (0xFFFF5C884)
YUV	205.7030, -36.3356, 34.4635
Hunter-Lab	78.9854, 2.9401, 32.3412

Details

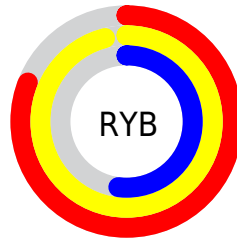
The Yxy color **62.3870, 0.4019, 0.4014** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.9079, 0.2355, 0.2424**, and the grayscale version is **61.7340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **31.7166, 0.4234, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **57.4250, 0.4253, 0.4154**, and if you desaturate by 10%, it is **67.8000, 0.3794, 0.3859**.

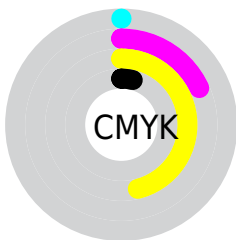
Distribution



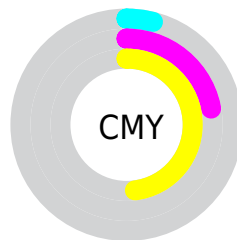
- Red (96%)
- Green (78%)
- Blue (52%)



- Red (81%)
- Yellow (96%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3870, 0.4019, 0.4014 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 62.3870, 0.4019, 0.4014 by changing the saturation by 10% instead.

 62.3870, 0.4019,
0.4014


 62.3870, 0.4019,
0.4014


433.3413, 0.3601,
0.3686


 45.3455, 0.4113,
0.4084


 108.2847, 0.3875,
0.3903

 31.7296, 0.4227,
0.4167


 137.9096, 0.3818,
0.3859

 21.1551, 0.4368,
0.4266


 172.4978, 0.3769,
0.3821

 13.2374, 0.4543,
0.4383

212.4336, 0.3727,
0.3788

 7.5922, 0.4761,
0.4514

258.1015, 0.3690,
0.3758

 3.8352, 0.5198,
0.4802

309.8858, 0.3657,

 1.5818, 0.5307,

0.3731

0.4693

368.1710, 0.3627,
0.3708

0.3453, 0.5966,
0.4034

0.0000, 0.0000,
0.0000

62.3870, 0.4019,
0.4014

62.3870, 0.4019,
0.4014

57.4250, 0.4253,
0.4154

67.8000, 0.3794,
0.3859

52.8887, 0.4487,
0.4266

73.6704, 0.3585,
0.3697

48.7629, 0.4710,
0.4338

80.0155, 0.3394,
0.3536

45.0271, 0.4909,
0.4361

86.8488, 0.3223,
0.3381

■ 41.6572, 0.5073,
0.4330

■ 94.1831, 0.3070,
0.3234

■ 40.4365, 0.5131,
0.4308

■ 98.1459, 0.3066,
0.3290

Harmonies

Analogous

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



62.3870, 0.4158, 0.3653



62.3870, 0.4019, 0.4014



62.3870, 0.3640, 0.4217

Triad

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



62.3870, 0.4019, 0.4014



62.3870, 0.2324, 0.3242



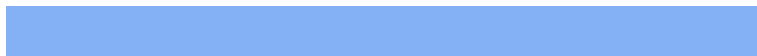
62.3870, 0.3045, 0.2599

Complementary

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



62.3870, 0.4019, 0.4014



42.9079, 0.2355, 0.2424

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.



62.3870, 0.2582, 0.2475



62.3870, 0.4019, 0.4014



62.3870, 0.2194, 0.2797

Square

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



62.3870, 0.4019, 0.4014



62.3870, 0.2662, 0.3759



62.3870, 0.2285, 0.2534



62.3870, 0.3570, 0.2873

Rectangle

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



62.3870, 0.4019, 0.4014



62.3870, 0.3312, 0.4200



62.3870, 0.2285, 0.2534



62.3870, 0.2877, 0.2539

Sweetspot

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



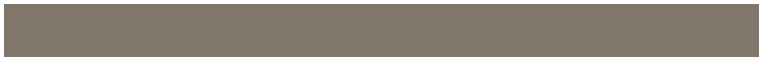
62.3900, 0.4019, 0.4014



89.1822, 0.3357, 0.3503



39.0845, 0.3865, 0.2805



18.7522, 0.3396, 0.3537



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.



62.3900, 0.4019, 0.4014



63.4367, 0.4229, 0.4141



84.3837, 0.3729, 0.4455



18.1428, 0.3278, 0.3432



22.0693, 0.5111, 0.4323



2.1402, 0.4965, 0.4440

Inverse Universe

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



42.9079, 0.2355, 0.2424



39.7994, 0.2203, 0.2216



28.9522, 0.2328, 0.1867



17.0084, 0.2980, 0.3144



8.4552, 0.1682, 0.1255



0.9381, 0.1751, 0.1502

Previews

White Background



This preview shows how the Yxy color 62.3870, 0.4019, 0.4014 looks on a white background.

Color Contrast Check

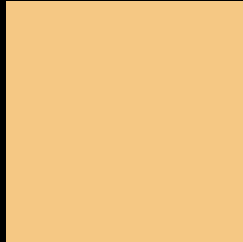
Large Text (above 18pt) WCAG AA × Fail

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 62.3870, 0.4019, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

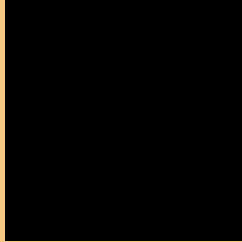
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3870, 0.4019, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 62.3870, 0.4019, 0.4014.



This preview shows how white text looks on a background with the Yxy color 62.3870, 0.4019, 0.4014.

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

62.3870, 0.4019, 0.4014

Protanopia

62.3825, 0.3798, 0.4103

Deuteranopia

62.3781, 0.4071, 0.3982



Tritanopia

62.4133, 0.3512, 0.3135

Trichromacy



Original Color

62.3870, 0.4019, 0.4014

Protanomaly

62.0628, 0.3876, 0.4066

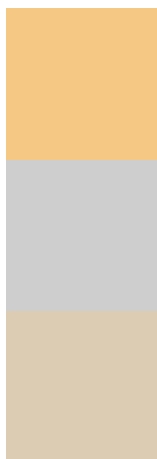
Deuteranomaly

62.4692, 0.4049, 0.3996

Tritanomaly

61.9780, 0.3703, 0.3451

Monochromacy



Original Color

62.3870, 0.4019, 0.4014

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6560, 0.3438, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3870, 0.4019, 0.4014 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(245, 200, 132)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 132)  
}
```

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(245, 200, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 132) }
```

Border

The CSS property to change the border of an element to Yxy 62.3870, 0.4019, 0.4014 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(245, 200, 132) }
```

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

```
.border{ border-color:rgb(245, 200, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 200, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 200, 132);  
box-shadow:4px 4px 4px 4px rgb(245, 200,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3870, 0.4019, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 132) }
```

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

```
.background{ background-color: rgb(245,  
200, 132) }
```

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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