

Converting Colors

$Yxy(62.9661, 0.3868, 0.3657)$

Have a look what the booklet for
Yxy(62.9661, 0.3868, 0.3657)
contains.

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Color

Yxy(62.7839, 0.3861, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	FCC4A2
RGB	252, 196, 162
RGB Percent	99%, 77%, 64%
CMY	0.0117, 0.2314, 0.3646
CMYK	0.00, 0.22, 0.36, 0.01
HSL	23°, 94%, 81%
HSV	23°, 36%, 99%
XYZ	66.4133, 62.7839, 42.8135
YIQ	208.8680, 44.2900, 1.2980

Conversions

Conversions Part 2

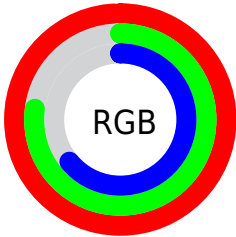
Format	Color
R _Y B	252, 217, 162
Decimal	16565410
CIE Lab	83.33, 15.55, 24.73
CIE LCh	83, 29.214, 57.850
Yxy	62.7839, 0.3861, 0.3650
Android (android.graphics.Color)	4294755490 (0xFFFC4A2)
YUV	208.8680, -23.1059, 37.8268
Hunter-Lab	79.2363, 10.9495, 23.4295

Details

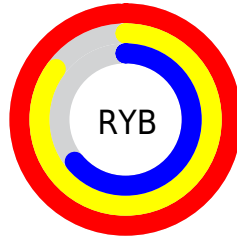
The Yxy color **62.7839, 0.3861, 0.3650** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.8834, 0.2569, 0.2896**, and the grayscale version is **63.8055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5203, 0.3354, 0.3642**, and **31.9411, 0.4050, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **55.2668, 0.4142, 0.3751**, and if you desaturate by 10%, it is **71.2267, 0.3614, 0.3545**.

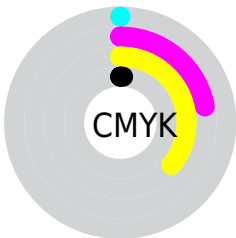
Distribution



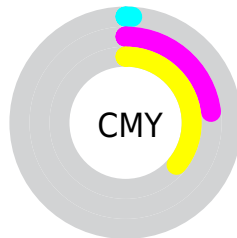
- Red (99%)
- Green (77%)
- Blue (64%)



- Red (99%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7839, 0.3861, 0.3650 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 62.7839, 0.3861, 0.3650 by changing the saturation by 10% instead.

 62.7839, 0.3861,
0.3650

 62.7839, 0.3861,
0.3650


434.7848, 0.3510,
0.3490

 45.6664, 0.3943,
0.3684


 108.8577, 0.3737,
0.3596

 31.9827, 0.4046,
0.3725


 138.5828, 0.3690,
0.3575

 21.3483, 0.4176,
0.3774

173.2792, 0.3649,
0.3556

 13.3788, 0.4348,
0.3833

213.3313, 0.3614,
0.3540

 7.6899, 0.4583,
0.3902

259.1235, 0.3583,
0.3525

 3.8972, 0.4916,
0.3975

311.0402, 0.3556,

 1.6162, 0.5737,

0.3512

0.4263

369.4659, 0.3532,
0.3500

0.3685, 0.6645,
0.3355

0.0000, 0.0000,
0.0000

62.7839, 0.3861,
0.3650

62.7839, 0.3861,
0.3650

55.2668, 0.4142,
0.3751

71.2267, 0.3614,
0.3545

48.6331, 0.4454,
0.3838

80.6178, 0.3401,
0.3442

42.8500, 0.4788,
0.3902

90.9901, 0.3219,
0.3343

37.8790, 0.5124,
0.3927

99.4389, 0.3109,
0.3290

■ 33.6776, 0.5436,
0.3904

■ 30.1981, 0.5696,
0.3827

■ 28.9061, 0.5792,
0.3783

Harmonies

Analogous

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



62.7839, 0.3800, 0.3354



62.7839, 0.3861, 0.3650



62.7839, 0.3713, 0.3877

Triad

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



62.7839, 0.3861, 0.3650



62.7839, 0.2711, 0.3525



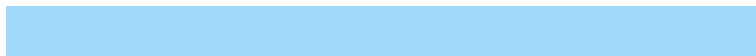
62.7839, 0.2819, 0.2700

Complementary

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



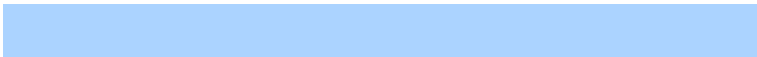
62.7839, 0.3861, 0.3650



64.8834, 0.2569, 0.2896

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.



62.7839, 0.2557, 0.2711



62.7839, 0.3861, 0.3650



62.7839, 0.2496, 0.3166

Square

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



62.7839, 0.3861, 0.3650



62.7839, 0.3042, 0.3826



62.7839, 0.2443, 0.2871



62.7839, 0.3179, 0.2826

Rectangle

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



62.7839, 0.3861, 0.3650



62.7839, 0.3523, 0.3949



62.7839, 0.2443, 0.2871



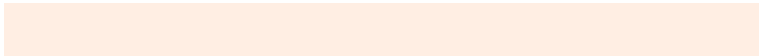
62.7839, 0.2718, 0.2687

Sweetspot

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



62.7869, 0.3861, 0.3650



87.6835, 0.3312, 0.3395



51.6656, 0.3447, 0.2704



18.4614, 0.3337, 0.3408



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.



62.7869, 0.3861, 0.3650



58.7448, 0.4063, 0.3724



85.6405, 0.3705, 0.4076



18.2988, 0.3285, 0.3380



15.3158, 0.5762, 0.3807



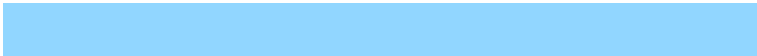
1.6152, 0.5538, 0.3984

Inverse Universe

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



64.8834, 0.2569, 0.2896



61.1684, 0.2460, 0.2800



44.9968, 0.2495, 0.2357



18.4433, 0.2980, 0.3198



16.4943, 0.1889, 0.2002



1.7317, 0.1937, 0.2172

Previews

White Background



This preview shows how the Yxy color 62.7839, 0.3861, 0.3650 looks on a white background.

Color Contrast Check

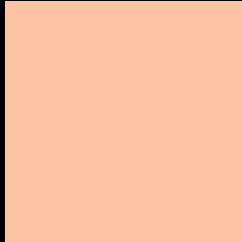
Large Text (above 18pt) WCAG AA × Fail

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 62.7839, 0.3861, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

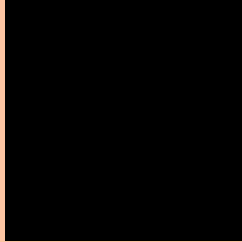
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7839, 0.3861, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 62.7839, 0.3861, 0.3650.



This preview shows how white text looks on a background with the Yxy color 62.7839, 0.3861, 0.3650.

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

62.7839, 0.3861, 0.3650

Protanopia

63.2739, 0.3527, 0.3760

Deuteranopia

63.1149, 0.3788, 0.3712



Tritanopia

62.9294, 0.3545, 0.3147

Trichromacy



Original Color

62.7839, 0.3861, 0.3650

Protanomaly

63.0581, 0.3644, 0.3726

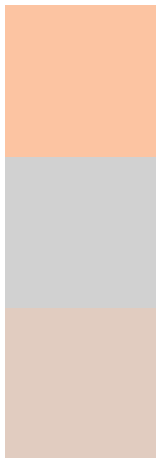
Deuteranomaly

63.1942, 0.3816, 0.3698

Tritanomaly

62.8849, 0.3664, 0.3333

Monochromacy



Original Color

62.7839, 0.3861, 0.3650

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9991, 0.3380, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7839, 0.3861, 0.3650 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(252, 196, 162)` looks like.

```
.text, #text, p{  
    color:rgb(252, 196, 162)  
}
```

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(252, 196, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 196, 162) }
```

Border

The CSS property to change the border of an element to Yxy 62.7839, 0.3861, 0.3650 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(252, 196, 162) }
```

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

```
.border{ border-color:rgb(252, 196, 162) }
```

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

Here you see how a box with a 4 pixel rgb(252, 196, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 196, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 196, 162);  
box-shadow:4px 4px 4px 4px rgb(252, 196,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7839, 0.3861, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 196, 162) }
```

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

```
.background{ background-color: rgb(252,  
196, 162) }
```

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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