

Converting Colors

$Yxy(62.2984, 0.3839, 0.3603)$

Have a look what the booklet for
Yxy(62.2984, 0.3839, 0.3603)
contains.

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Color

Yxy(62.4423, 0.3840, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	FCC3A5
RGB	252, 195, 165
RGB Percent	99%, 76%, 65%
CMY	0.0119, 0.2352, 0.3530
CMYK	0.00, 0.23, 0.35, 0.01
HSL	21°, 93%, 82%
HSV	21°, 35%, 99%
XYZ	66.4390, 62.4423, 44.1370
YIQ	208.6230, 43.6020, 2.7540

Conversions

Conversions Part 2

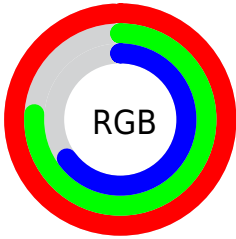
Format	Color
R _Y B	252, 211, 165
Decimal	16565157
CIE Lab	83.15, 16.38, 22.93
CIE LCh	83, 28.179, 54.457
Yxy	62.4423, 0.3840, 0.3609
Android (android.graphics.Color)	4294755237 (0xFFFC3A5)
YUV	208.6230, -21.5061, 38.0416
Hunter-Lab	79.0204, 11.7939, 22.1978

Details

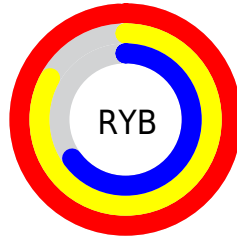
The Yxy color **62.4423, 0.3840, 0.3609** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.2190, 0.2592, 0.2944**, and the grayscale version is **63.6228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0481, 0.3337, 0.3603**, and **31.7113, 0.4023, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **54.6282, 0.4125, 0.3702**, and if you desaturate by 10%, it is **71.2593, 0.3592, 0.3513**.

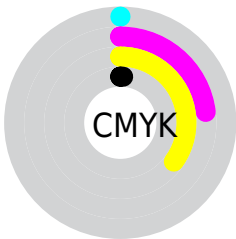
Distribution



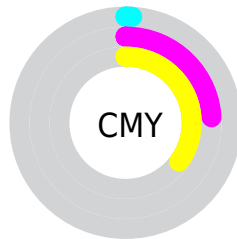
- Red (99%)
- Green (76%)
- Blue (65%)



- Red (99%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4423, 0.3840, 0.3609 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 62.4423, 0.3840, 0.3609 by changing the saturation by 10% instead.

 62.4423, 0.3840,
0.3609

 62.4423, 0.3840,
0.3609


433.5426, 0.3499,
0.3468

 45.3902, 0.3920,
0.3639


 108.3645, 0.3719,
0.3562

 31.7649, 0.4021,
0.3675


 138.0034, 0.3673,
0.3543

 21.1820, 0.4149,
0.3718


172.6067, 0.3634,
0.3526

 13.2571, 0.4319,
0.3770

212.5588, 0.3599,
0.3512

 7.6058, 0.4552,
0.3830

258.2440, 0.3569,
0.3499

 3.8438, 0.4886,
0.3893

310.0468, 0.3543,

 1.5866, 0.5786,

0.3487

0.4214

368.3515, 0.3519,
0.3477

0.3485, 0.6772,
0.3228

0.0000, 0.0000,
0.0000

62.4423, 0.3840,
0.3609

62.4423, 0.3840,
0.3609

54.6282, 0.4125,
0.3702

71.2593, 0.3592,
0.3513

47.7712, 0.4446,
0.3784

81.1054, 0.3380,
0.3418

41.8346, 0.4792,
0.3843

92.0168, 0.3199,
0.3329

36.7756, 0.5144,
0.3867

99.4280, 0.3108,
0.3290

■ 32.5476, 0.5475,
0.3845

■ 29.0979, 0.5752,
0.3770

■ 27.5103, 0.5879,
0.3714

Harmonies

Analogous

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



62.4423, 0.3758, 0.3319



62.4423, 0.3840, 0.3609



62.4423, 0.3719, 0.3839

Triad

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



62.4423, 0.3840, 0.3609



62.4423, 0.2756, 0.3555



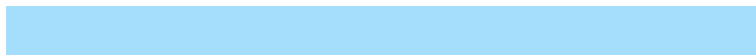
62.4423, 0.2795, 0.2712

Complementary

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



62.4423, 0.3840, 0.3609



67.2190, 0.2592, 0.2944

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.



62.4423, 0.2555, 0.2740



62.4423, 0.3840, 0.3609



62.4423, 0.2533, 0.3209

Square

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



62.4423, 0.3840, 0.3609



62.4423, 0.3086, 0.3831



62.4423, 0.2462, 0.2912



62.4423, 0.3137, 0.2821

Rectangle

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



62.4423, 0.3840, 0.3609



62.4423, 0.3546, 0.3921



62.4423, 0.2462, 0.2912



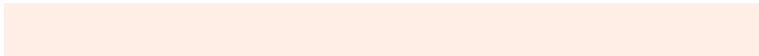
62.4423, 0.2701, 0.2706

Sweetspot

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



62.4452, 0.3840, 0.3609



88.2741, 0.3295, 0.3377



52.9162, 0.3408, 0.2696



18.5608, 0.3320, 0.3390



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.



62.4452, 0.3840, 0.3609



58.8332, 0.4021, 0.3670



84.2406, 0.3694, 0.4024



18.2056, 0.3285, 0.3373



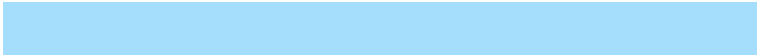
14.5823, 0.5848, 0.3738



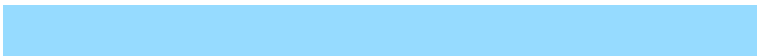
1.5400, 0.5619, 0.3920

Inverse Universe

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



67.2190, 0.2592, 0.2944



64.3495, 0.2496, 0.2867



47.4537, 0.2523, 0.2429



18.5399, 0.2980, 0.3206



17.9553, 0.1921, 0.2116



1.8607, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 62.4423, 0.3840, 0.3609 looks on a white background.

Color Contrast Check

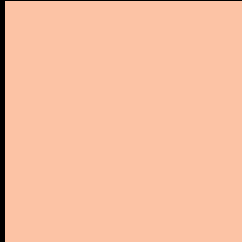
Large Text (above 18pt) WCAG AA × Fail

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 62.4423, 0.3840, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

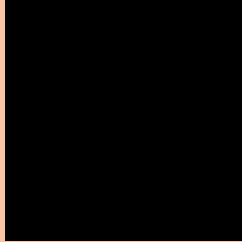
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4423, 0.3840, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 62.4423, 0.3840, 0.3609.



This preview shows how white text looks on a background with the Yxy color 62.4423, 0.3840, 0.3609.

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

62.4423, 0.3840, 0.3609

Protanopia

62.6260, 0.3484, 0.3705

Deuteranopia

62.4044, 0.3751, 0.3672



Tritanopia

62.4465, 0.3555, 0.3147

Trichromacy



Original Color

62.4423, 0.3840, 0.3609

Protanomaly

62.5654, 0.3607, 0.3671

Deuteranomaly

62.6613, 0.3787, 0.3657

Tritanomaly

62.4878, 0.3659, 0.3312

Monochromacy



Original Color

62.4423, 0.3840, 0.3609

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0435, 0.3372, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4423, 0.3840, 0.3609 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, 195, 165)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 165)  
}
```

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, 195, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 165) }
```

Border

The CSS property to change the border of an element to Yxy 62.4423, 0.3840, 0.3609 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, 195, 165) }
```

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

```
.border{ border-color:rgb(252, 195, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4423, 0.3840, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 165) }
```

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

```
.background{ background-color: rgb(252,  
195, 165) }
```

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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