

Converting Colors

$Yxy(64.0553, 0.3842, 0.3657)$

Have a look what the booklet for
Yxy(64.0553, 0.3842, 0.3657)
contains.

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Color

Yxy(63.7639, 0.3837, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	FCC6A4
RGB	252, 198, 164
RGB Percent	99%, 78%, 64%
CMY	0.0119, 0.2234, 0.3568
CMYK	0.00, 0.21, 0.35, 0.01
HSL	23°, 94%, 82%
HSV	23°, 35%, 99%
XYZ	67.0307, 63.7639, 43.9010
YIQ	210.2700, 43.0980, 0.8740

Conversions

Conversions Part 2

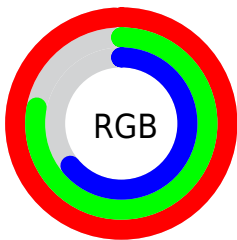
Format	Color
RYB	252, 219, 164
Decimal	16565924
CIELab	83.84, 14.70, 24.39
CIELCh	84, 28.477, 58.922
Yxy	63.7639, 0.3837, 0.3650
Android (android.graphics.Color)	4294756004 (0xFFFC6A4)
YUV	210.2700, -22.8111, 36.5972
Hunter-Lab	79.8523, 10.0974, 23.3003

Details

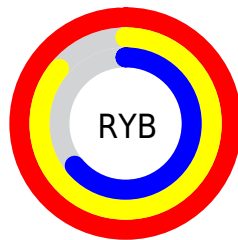
The Yxy color **63.7639, 0.3837, 0.3650** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.0387, 0.2580, 0.2897**, and the grayscale version is **64.7677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **32.5857, 0.4017, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **56.2359, 0.4113, 0.3754**, and if you desaturate by 10%, it is **72.1991, 0.3595, 0.3543**.

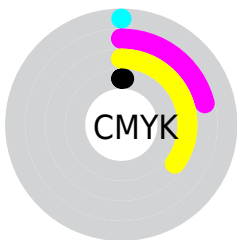
Distribution



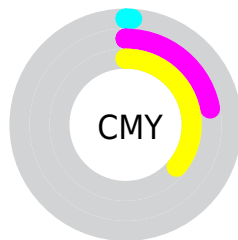
- Red (99%)
- Green (78%)
- Blue (64%)



- Red (99%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (1%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7639, 0.3837, 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 63.7639, 0.3837, 0.3650 by changing the saturation by 10% instead.


 63.7639, 0.3837,
0.3650


 63.7639, 0.3837,
0.3650


438.3365, 0.3499,
0.3490

 46.4595, 0.3916,
0.3684


 110.2708, 0.3718,
0.3596

 32.6086, 0.4015,
0.3726


 140.2421, 0.3672,
0.3574

 21.8267, 0.4140,
0.3775


175.2045, 0.3633,
0.3556

 13.7296, 0.4305,
0.3836

215.5424, 0.3599,
0.3539

 7.9329, 0.4530,
0.3907

261.6401, 0.3569,
0.3525

 4.0520, 0.4848,
0.3987

313.8822, 0.3543,

 1.7027, 0.5680,

0.3512

0.4320

372.6528, 0.3520,
0.3500

0.4254, 0.6421,
0.3579

0.0000, 0.0000,
0.0000

63.7639, 0.3837,
0.3650

63.7639, 0.3837,
0.3650

56.2359, 0.4113,
0.3754

72.1991, 0.3595,
0.3543

49.5739, 0.4420,
0.3845

81.5628, 0.3385,
0.3437

43.7465, 0.4748,
0.3913

91.8870, 0.3205,
0.3337

38.7166, 0.5080,
0.3944

99.4287, 0.3108,
0.3290

■ 34.4436, 0.5391,
0.3926

■ 30.8816, 0.5652,
0.3855

■ 29.3176, 0.5766,
0.3804

Harmonies

Analogous

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



63.7639, 0.3785, 0.3363



63.7639, 0.3837, 0.3650



63.7639, 0.3688, 0.3865

Triad

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



63.7639, 0.3837, 0.3650



63.7639, 0.2713, 0.3505



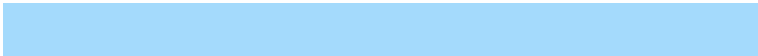
63.7639, 0.2840, 0.2719

Complementary

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



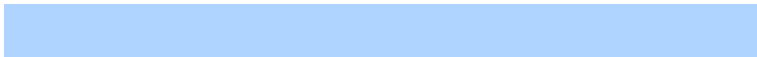
63.7639, 0.3837, 0.3650



65.0387, 0.2580, 0.2897

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.



63.7639, 0.2580, 0.2725



63.7639, 0.3837, 0.3650



63.7639, 0.2510, 0.3158

Square

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



63.7639, 0.3837, 0.3650



63.7639, 0.3033, 0.3801



63.7639, 0.2463, 0.2876



63.7639, 0.3192, 0.2846

Rectangle

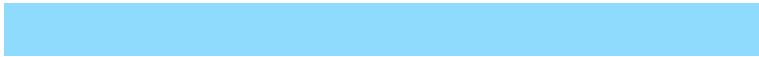
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7639, 0.3837, 0.3650



63.7639, 0.3501, 0.3931



63.7639, 0.2463, 0.2876



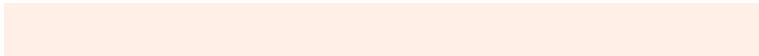
63.7639, 0.2740, 0.2705

Sweetspot

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



63.7669, 0.3837, 0.3650



88.8893, 0.3293, 0.3387



52.3184, 0.3451, 0.2732



18.7091, 0.3319, 0.3402



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

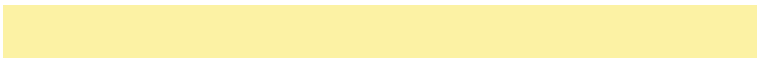
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7669, 0.3837, 0.3650



59.9251, 0.4030, 0.3725



86.6968, 0.3687, 0.4072



18.3257, 0.3284, 0.3382



15.5411, 0.5736, 0.3827



1.6380, 0.5515, 0.4003

Inverse Universe

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



65.0387, 0.2580, 0.2897



61.3908, 0.2472, 0.2801



45.2969, 0.2508, 0.2364



18.4155, 0.2980, 0.3196



16.0906, 0.1880, 0.1969



1.6958, 0.1929, 0.2143

Previews

White Background



This preview shows how the Yxy color 63.7639, 0.3837, 0.3650 looks on a white background.

Color Contrast Check

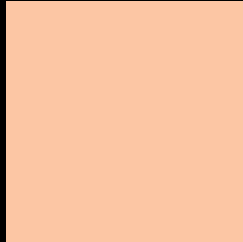
Large Text (above 18pt) WCAG AA × Fail

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 63.7639, 0.3837, 0.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

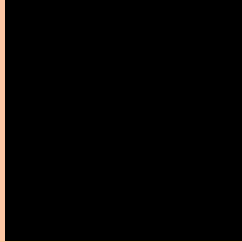
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7639, 0.3837, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 63.7639, 0.3837, 0.3650.



This preview shows how white text looks on a background with the Yxy color 63.7639, 0.3837, 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

63.7639, 0.3837, 0.3650

Protanopia

63.9951, 0.3518, 0.3747

Deuteranopia

63.8301, 0.3777, 0.3700



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

63.7639, 0.3837, 0.3650

Protanomaly

63.7763, 0.3633, 0.3713

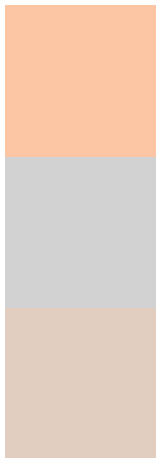
Deuteranomaly

63.9094, 0.3805, 0.3686

Tritanomaly

63.8626, 0.3643, 0.3333

Monochromacy



Original Color

63.7639, 0.3837, 0.3650

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0004, 0.3369, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7639, 0.3837, 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, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(252, 198, 164)  
}
```

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, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 198, 164) }
```

Border

The CSS property to change the border of an element to Yxy 63.7639, 0.3837, 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, 198, 164) }
```

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

```
.border{ border-color:rgb(252, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(252, 198,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7639, 0.3837, 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, 198, 164) }
```

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

```
.background{ background-color: rgb(252,  
198, 164) }
```

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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