

Converting Colors

Yxy(64.1585, 0.3775, 0.3803)

Have a look what the booklet for
Yxy(64.1585, 0.3775, 0.3803)
contains.

| | |
|---|----|
| Yxy(64.1453, 0.3771, 0.3803) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(64.1453, 0.3771, 0.3803)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0CC9D |
| RGB | 240, 204, 157 |
| RGB Percent | 94%, 80%, 62% |
| CMY | 0.0589, 0.1999, 0.3844 |
| CMYK | 0.00, 0.15, 0.35, 0.06 |
| HSL | 34°, 73%, 78% |
| HSV | 34°, 35%, 94% |
| XYZ | 63.6056, 64.1453, 40.9194 |
| YIQ | 209.4060, 36.5430, -6.9850 |

Conversions

Conversions Part 2

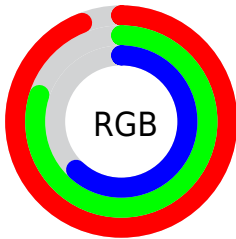
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 240, 157 |
| Decimal | 15781021 |
| CIE Lab | 84.04, 6.13, 28.16 |
| CIE LCh | 84, 28.816, 77.717 |
| Yxy | 64.1453, 0.3771, 0.3803 |
| Android (android.graphics.Color) | 4293971101 (0xFFFF0CC9D) |
| YUV | 209.4060, -25.8362, 26.8309 |
| Hunter-Lab | 80.0908, 1.6002, 25.7715 |

Details

The Yxy color **64.1453, 0.3771, 0.3803** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5690, 0.2561, 0.2713**, and the grayscale version is **64.1930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **32.8999, 0.3933, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **58.6285, 0.4001, 0.3952**, and if you desaturate by 10%, it is **70.1590, 0.3559, 0.3650**.

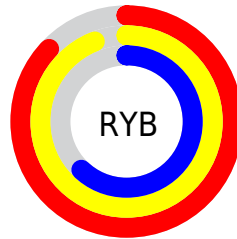
Distribution



Red (94%)

Green (80%)

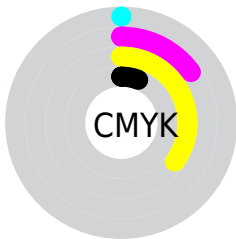
Blue (62%)



Red (87%)

Yellow (94%)

Blue (62%)

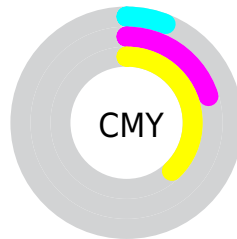


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (6%)



Cyan (6%)


Magenta (20%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1453, 0.3771, 0.3803 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 64.1453, 0.3771, 0.3803 by changing the saturation by 10% instead.


 64.1453, 0.3771,
0.3803


 64.1453, 0.3771,
0.3803


439.7142, 0.3467,
0.3567

 46.7684, 0.3841,
0.3856


 110.8202, 0.3665,
0.3722

 32.8526, 0.3928,
0.3920


 140.8869, 0.3624,
0.3690

 22.0135, 0.4037,
0.3999


175.9523, 0.3588,
0.3663

 13.8668, 0.4179,
0.4099

216.4009, 0.3558,
0.3639

 8.0281, 0.4368,
0.4225

262.6170, 0.3531,
0.3617

 4.1129, 0.4626,
0.4383

314.9849, 0.3507,

 1.7369, 0.5220,

0.3599

0.4780

373.8892, 0.3486,
0.3582

0.4474, 0.5624,
0.4376

0.0000, 0.0000,
0.0000

64.1453, 0.3771,
0.3803

64.1453, 0.3771,
0.3803

58.6285, 0.4001,
0.3952

70.1590, 0.3559,
0.3650

53.5838, 0.4245,
0.4087

76.6755, 0.3368,
0.3499

48.9971, 0.4494,
0.4196

83.7120, 0.3198,
0.3354

44.8499, 0.4737,
0.4269

91.2818, 0.3048,
0.3217

■ 41.1214, 0.4958,
0.4292

■ 97.2603, 0.3035,
0.3290

■ 37.7876, 0.5144,
0.4261

■ 36.1299, 0.5233,
0.4227

Harmonies

Analogous

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



64.1453, 0.3849, 0.3549



64.1453, 0.3771, 0.3803



64.1453, 0.3517, 0.3935

Triad

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



64.1453, 0.3771, 0.3803



64.1453, 0.2564, 0.3285



64.1453, 0.3054, 0.2780

Complementary

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



64.1453, 0.3771, 0.3803



51.5690, 0.2561, 0.2713

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.



64.1453, 0.2725, 0.2699



64.1453, 0.3771, 0.3803



64.1453, 0.2455, 0.2965

Square

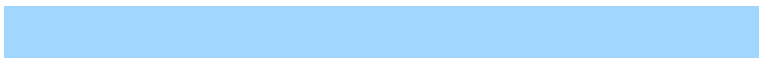
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1453, 0.3771, 0.3803



64.1453, 0.2819, 0.3632



64.1453, 0.2512, 0.2759



64.1453, 0.3422, 0.2978

Rectangle

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



64.1453, 0.3771, 0.3803



64.1453, 0.3288, 0.3921



64.1453, 0.2512, 0.2759



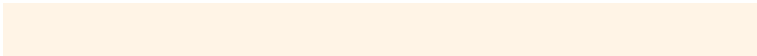
64.1453, 0.2935, 0.2738

Sweetspot

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



64.1483, 0.3771, 0.3803



91.6177, 0.3288, 0.3432



46.4769, 0.3590, 0.2897



19.3683, 0.3313, 0.3452



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.



64.1483, 0.3771, 0.3803



69.4236, 0.3920, 0.3901



82.3043, 0.3608, 0.4164



17.2457, 0.3279, 0.3424



20.0528, 0.5212, 0.4244



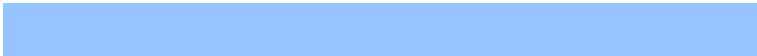
1.8656, 0.5041, 0.4379

Inverse Universe

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



51.5690, 0.2561, 0.2713



53.1122, 0.2450, 0.2582



38.1339, 0.2540, 0.2264



16.3552, 0.2980, 0.3153



9.1148, 0.1712, 0.1364



0.9524, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 64.1453, 0.3771, 0.3803 looks on a white background.

Color Contrast Check

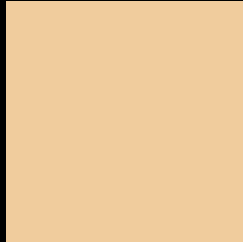
Large Text (above 18pt) WCAG AA × Fail

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 64.1453, 0.3771, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

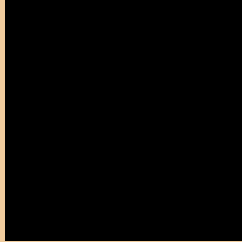
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1453, 0.3771, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 64.1453, 0.3771, 0.3803.



This preview shows how white text looks on a background with the Yxy color 64.1453, 0.3771, 0.3803.

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

64.1453, 0.3771, 0.3803

Protanopia

63.9514, 0.3608, 0.3858

Deuteranopia

64.0161, 0.3832, 0.3750



Tritanopia

64.2788, 0.3405, 0.3133

Trichromacy



Original Color

64.1453, 0.3771, 0.3803

Protanomaly

63.9173, 0.3671, 0.3839

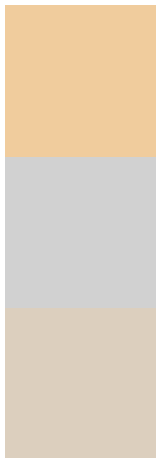
Deuteranomaly

63.9428, 0.3804, 0.3765

Tritanomaly

64.3474, 0.3541, 0.3377

Monochromacy



Original Color

64.1453, 0.3771, 0.3803

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5590, 0.3350, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1453, 0.3771, 0.3803 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(240, 204, 157)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 157)  
}
```

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(240, 204, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 157) }
```

Border

The CSS property to change the border of an element to Yxy 64.1453, 0.3771, 0.3803 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(240, 204, 157) }
```

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

```
.border{ border-color:rgb(240, 204, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 157);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1453, 0.3771, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 157) }
```

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

```
.background{ background-color: rgb(240,  
204, 157) }
```

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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