

Converting Colors

$Yxy(75.7448, 0.3604, 0.3840)$

Have a look what the booklet for
Yxy(75.7448, 0.3604, 0.3840)
contains.

Yxy(75.7448, 0.3604, 0.3840)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7448, 0.3604, 0.3840)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1AD
RGB	242, 225, 173
RGB Percent	95%, 88%, 68%
CMY	0.0509, 0.1176, 0.3215
CMYK	0.00, 0.07, 0.29, 0.05
HSL	45°, 73%, 81%
HSV	45°, 29%, 95%
XYZ	71.0897, 75.7448, 50.4176
YIQ	224.1550, 26.8240, -12.5680

Conversions

Conversions Part 2

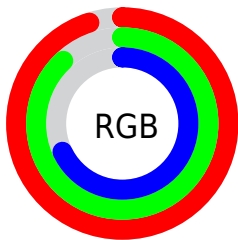
Format	Color
R _Y B	196, 242, 173
Decimal	15917485
CIE Lab	89.74, -1.91, 27.58
CIE LCh	90, 27.649, 93.971
Yxy	75.7448, 0.3604, 0.3840
Android (android.graphics.Color)	4294107565 (0xFFFF2E1AD)
YUV	224.1550, -25.2194, 15.6501
Hunter-Lab	87.0315, -6.5015, 26.5751

Details

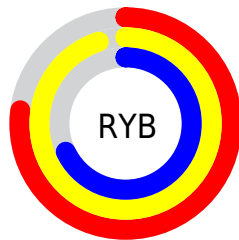
The Yxy color **75.7448, 0.3604, 0.3840** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1366, 0.2648, 0.2671**, and the grayscale version is **74.8309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **40.4198, 0.3711, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **71.7248, 0.3790, 0.4035**, and if you desaturate by 10%, it is **80.0541, 0.3426, 0.3642**.

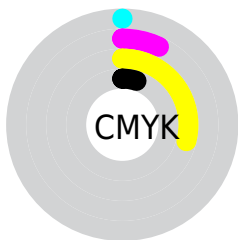
Distribution



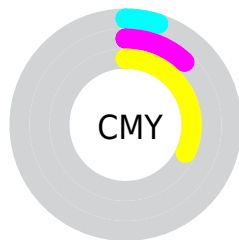
- Red (95%)
- Green (88%)
- Blue (68%)



- Red (77%)
- Yellow (95%)
- Blue (68%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7448, 0.3604, 0.3840 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 75.7448, 0.3604, 0.3840 by changing the saturation by 10% instead.


 75.7448, 0.3604,
0.3840

 75.7448, 0.3604,
0.3840


480.4737, 0.3387,
0.3588

 56.2233, 0.3652,
0.3896


 127.3661, 0.3530,
0.3753

 40.3820, 0.3711,
0.3965


160.2347, 0.3501,
0.3719

 27.8365, 0.3784,
0.4052


198.3210, 0.3475,
0.3690

 18.2024, 0.3876,
0.4161

242.0096, 0.3453,
0.3664

 11.0954, 0.3995,
0.4306

291.6847, 0.3434,
0.3642

 6.1311, 0.4153,
0.4500

347.7309, 0.3416,

 2.9249, 0.4423,

0.3622

0.4832

410.5324, 0.3401,
0.3604

■ 1.0927, 0.4743,
0.5257

■ 0.0000, 0.0000,
0.0000

■ 75.7448, 0.3604,
0.3840

■ 75.7448, 0.3604,
0.3840

■ 71.7248, 0.3790,
0.4035

■ 80.0541, 0.3426,
0.3642

■ 67.9734, 0.3980,
0.4219

■ 84.6520, 0.3259,
0.3449

■ 64.4830, 0.4165,
0.4382

■ 89.5509, 0.3105,
0.3263

■ 61.2412, 0.4337,
0.4513

■ 93.7675, 0.3049,
0.3230

■ 58.2342, 0.4489,
0.4603

■ 97.5118, 0.3048,
0.3288

■ 55.4456, 0.4612,
0.4644

■ 97.6189, 0.3048,
0.3290

■ 52.8527, 0.4706,
0.4638

■ 52.4779, 0.4719,
0.4635

Harmonies

Analogous

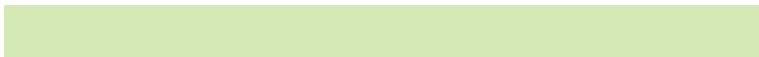
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7448, 0.3767, 0.3663



75.7448, 0.3604, 0.3840



75.7448, 0.3316, 0.3869

Triad

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



75.7448, 0.3604, 0.3840



75.7448, 0.2541, 0.3121



75.7448, 0.3244, 0.2911

Complementary

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



75.7448, 0.3604, 0.3840



52.1366, 0.2648, 0.2671

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.



75.7448, 0.2915, 0.2775



75.7448, 0.3604, 0.3840



75.7448, 0.2523, 0.2879

Square

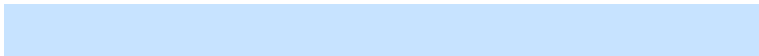
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7448, 0.3604, 0.3840



75.7448, 0.2707, 0.3434



75.7448, 0.2656, 0.2759



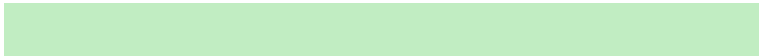
75.7448, 0.3555, 0.3136

Rectangle

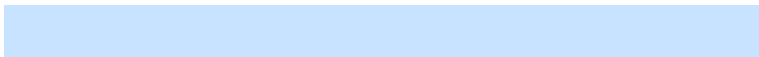
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7448, 0.3604, 0.3840



75.7448, 0.3096, 0.3788



75.7448, 0.2656, 0.2759



75.7448, 0.3131, 0.2854

Sweetspot

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



75.7482, 0.3604, 0.3840



95.0522, 0.3267, 0.3458



52.5031, 0.3599, 0.3103



20.1795, 0.3291, 0.3486



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

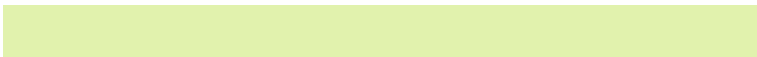
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7482, 0.3604, 0.3840



82.7316, 0.3707, 0.3950



82.4970, 0.3436, 0.4033



17.7604, 0.3274, 0.3467



28.4153, 0.4708, 0.4644



2.5188, 0.4626, 0.4709

Inverse Universe

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



52.1366, 0.2648, 0.2671



52.2634, 0.2544, 0.2527



47.2877, 0.2752, 0.2489



15.8617, 0.2980, 0.3107



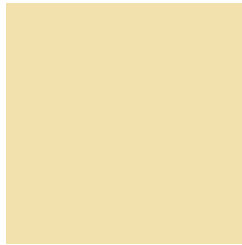
5.3407, 0.1578, 0.0882



0.5960, 0.1646, 0.1127

Previews

White Background



This preview shows how the Yxy color 75.7448, 0.3604, 0.3840 looks on a white background.

Color Contrast Check

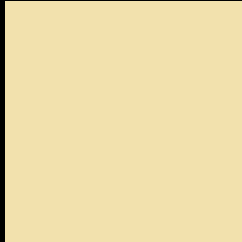
Large Text (above 18pt) WCAG AA × Fail

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 75.7448, 0.3604, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

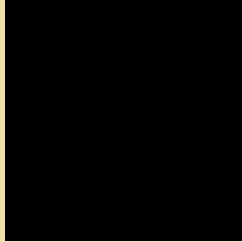
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7448, 0.3604, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 75.7448, 0.3604, 0.3840.

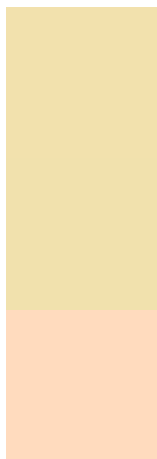


This preview shows how white text looks on a background with the Yxy color 75.7448, 0.3604, 0.3840.

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

75.7448, 0.3604, 0.3840

Protanopia

75.5683, 0.3596, 0.3842

Deuteranopia

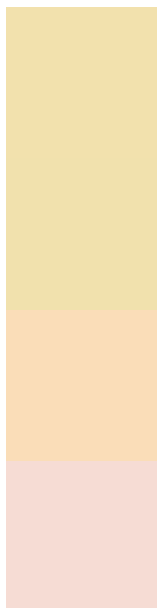
75.6407, 0.3599, 0.3588



Tritanopia

75.7060, 0.3243, 0.3119

Trichromacy



Original Color

75.7448, 0.3604, 0.3840

Protanomaly

75.5683, 0.3596, 0.3842

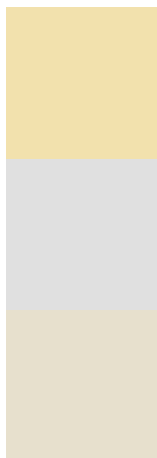
Deuteranomaly

75.4976, 0.3599, 0.3675

Tritanomaly

75.5327, 0.3371, 0.3373

Monochromacy



Original Color

75.7448, 0.3604, 0.3840

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7080, 0.3304, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7448, 0.3604, 0.3840 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(242, 225, 173)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 173)  
}
```

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(242, 225, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 173) }
```

Border

The CSS property to change the border of an element to Yxy 75.7448, 0.3604, 0.3840 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(242, 225, 173) }
```

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

```
.border{ border-color:rgb(242, 225, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7448, 0.3604, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 173) }
```

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

```
.background{ background-color: rgb(242,  
225, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor