

Converting Colors

$Yxy(79.1591, 0.3907, 0.3803)$

Have a look what the booklet for
Yxy(79.1591, 0.3907, 0.3803)
contains.

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Color

Yxy(75.2364, 0.3761, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCA7
RGB	255, 220, 167
RGB Percent	100%, 86%, 65%
CMY	0.0001, 0.1372, 0.3451
CMYK	0.00, 0.14, 0.35, 0.00
HSL	36°, 100%, 83%
HSV	36°, 35%, 100%
XYZ	73.8039, 75.2364, 47.1945
YIQ	224.4230, 37.8730, -9.0630

Conversions

Conversions Part 2

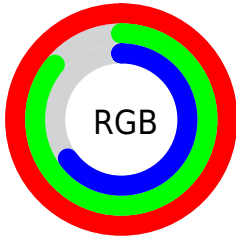
Format	Color
R _Y B	225, 255, 167
Decimal	16768167
CIE Lab	89.50, 4.81, 30.54
CIE LCh	90, 30.921, 81.048
Yxy	75.2364, 0.3761, 0.3834
Android (android.graphics.Color)	4294958247 (0xFFFFDCA7)
YUV	224.4230, -28.3095, 26.8160
Hunter-Lab	86.7389, 0.0879, 28.4577

Details

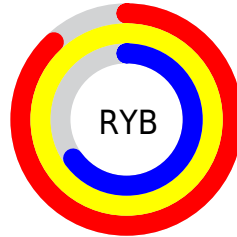
The Yxy color **75.2364, 0.3761, 0.3834** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6662, 0.2556, 0.2675**, and the grayscale version is **75.0472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **40.0184, 0.3901, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **69.2273, 0.3984, 0.3991**, and if you desaturate by 10%, it is **81.7610, 0.3554, 0.3672**.

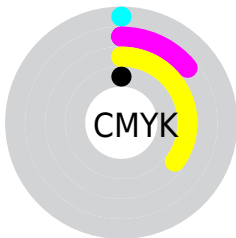
Distribution



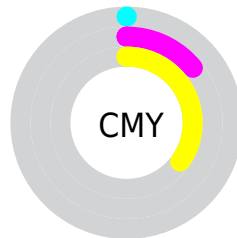
- Red (100%)
- Green (86%)
- Blue (65%)



- Red (88%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2364, 0.3761, 0.3834 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 75.2364, 0.3761, 0.3834 by changing the saturation by 10% instead.


 75.2364, 0.3761,
0.3834


 75.2364, 0.3761,
0.3834


478.7297, 0.3471,
0.3590

 55.8066, 0.3826,
0.3887

 126.6469, 0.3661,
0.3751

 40.0479, 0.3905,
0.3951

 159.3964, 0.3622,
0.3718

 27.5759, 0.4003,
0.4030


197.3546, 0.3588,
0.3690

 18.0062, 0.4127,
0.4128

240.9059, 0.3559,
0.3665

 10.9544, 0.4289,
0.4251

290.4347, 0.3533,
0.3643

 6.0362, 0.4503,
0.4405

346.3253, 0.3510,

 2.8671, 0.4924,

0.3623

0.4721

408.9622, 0.3489,
0.3606

■ 1.0627, 0.5194,
0.4806

■ 0.0000, 1.0000,
0.0000

■ 75.2364, 0.3761,
0.3834

■ 75.2364, 0.3761,
0.3834

■ 69.2273, 0.3984,
0.3991

■ 81.7610, 0.3554,
0.3672

■ 63.7066, 0.4217,
0.4134

■ 88.8062, 0.3366,
0.3511

■ 58.6598, 0.4453,
0.4252

■ 96.3903, 0.3197,
0.3357

■ 54.0673, 0.4679,
0.4331

99.9967, 0.3127,
0.3290

■ 49.9070, 0.4882,
0.4362

■ 46.1530, 0.5052,
0.4338

■ 44.2446, 0.5132,
0.4307

Harmonies

Analogous

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



75.2364, 0.3864, 0.3585



75.2364, 0.3761, 0.3834



75.2364, 0.3487, 0.3951

Triad

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



75.2364, 0.3761, 0.3834



75.2364, 0.2534, 0.3245



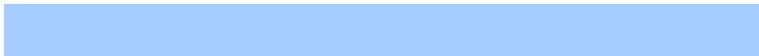
75.2364, 0.3094, 0.2789

Complementary

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



75.2364, 0.3761, 0.3834



57.6662, 0.2556, 0.2675

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.



75.2364, 0.2750, 0.2691



75.2364, 0.3761, 0.3834



75.2364, 0.2442, 0.2929

Square

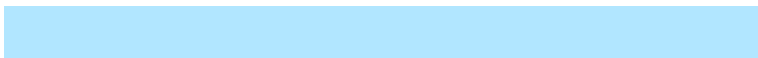
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2364, 0.3761, 0.3834



75.2364, 0.2779, 0.3602



75.2364, 0.2519, 0.2736



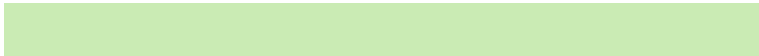
75.2364, 0.3466, 0.3001

Rectangle

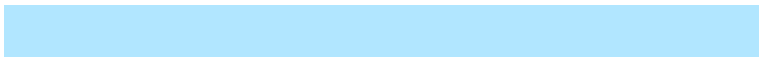
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2364, 0.3761, 0.3834



75.2364, 0.3250, 0.3921



75.2364, 0.2519, 0.2736



75.2364, 0.2971, 0.2742

Sweetspot

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



75.2399, 0.3761, 0.3834



92.1675, 0.3287, 0.3441



53.1708, 0.3618, 0.2926



19.5014, 0.3312, 0.3463



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

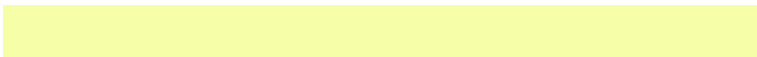
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2399, 0.3761, 0.3834



71.2872, 0.3904, 0.3937



93.9254, 0.3589, 0.4171



19.8079, 0.3279, 0.3433



23.4222, 0.5113, 0.4322



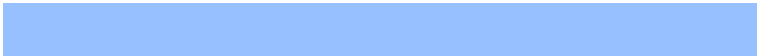
2.4942, 0.4979, 0.4428

Inverse Universe

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



57.6662, 0.2556, 0.2675



51.4500, 0.2442, 0.2535



44.0668, 0.2560, 0.2268



18.5625, 0.2979, 0.3143



8.9446, 0.1681, 0.1251



1.0773, 0.1743, 0.1475

Previews

White Background



This preview shows how the Yxy color 75.2364, 0.3761, 0.3834 looks on a white background.

Color Contrast Check

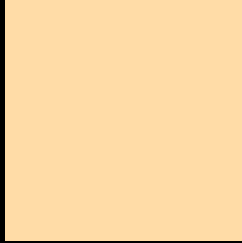
Large Text (above 18pt) WCAG AA × Fail

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 75.2364, 0.3761, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

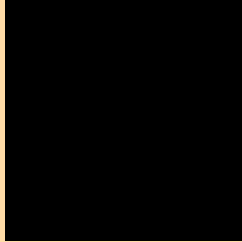
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2364, 0.3761, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 75.2364, 0.3761, 0.3834.



This preview shows how white text looks on a background with the Yxy color 75.2364, 0.3761, 0.3834.

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

75.2364, 0.3761, 0.3834

Protanopia

75.4158, 0.3624, 0.3884

Deuteranopia

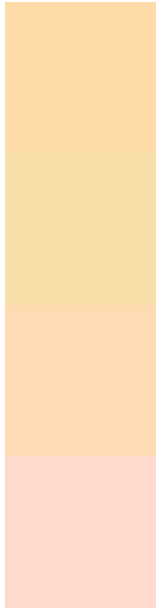
75.4682, 0.3628, 0.3629



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.2364, 0.3761, 0.3834

Protanomaly

75.1953, 0.3675, 0.3867

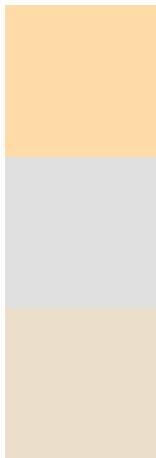
Deuteranomaly

75.1777, 0.3678, 0.3701

Tritanomaly

75.3419, 0.3487, 0.3403

Monochromacy



Original Color

75.2364, 0.3761, 0.3834

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7493, 0.3348, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2364, 0.3761, 0.3834 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(255, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 167)  
}
```

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(255, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 167) }
```

Border

The CSS property to change the border of an element to Yxy 75.2364, 0.3761, 0.3834 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(255, 220, 167) }
```

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

```
.border{ border-color:rgb(255, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2364, 0.3761, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 167) }
```

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

```
.background{ background-color: rgb(255,  
220, 167) }
```

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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