

Converting Colors

$Y_{xy}(74.5332, 0.3783, 0.3848)$

Have a look what the booklet for
Yxy(74.5332, 0.3783, 0.3848)
contains.

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Color

Yxy(74.6396, 0.3779, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBA5
RGB	255, 219, 165
RGB Percent	100%, 86%, 65%
CMY	0.0000, 0.1411, 0.3531
CMYK	0.00, 0.14, 0.35, 0.00
HSL	36°, 100%, 82%
HSV	36°, 35%, 100%
XYZ	73.3584, 74.6396, 46.1232
YIQ	223.6080, 38.7900, -9.1620

Conversions

Conversions Part 2

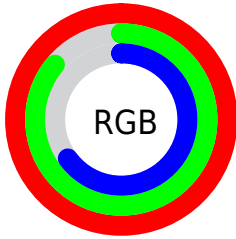
Format	Color
R _Y B	225, 255, 165
Decimal	16767909
CIE Lab	89.22, 5.09, 31.22
CIE LCh	89, 31.628, 80.738
Yxy	74.6396, 0.3779, 0.3845
Android (android.graphics.Color)	4294957989 (0xFFFFDBA5)
YUV	223.6080, -28.8937, 27.5308
Hunter-Lab	86.3942, 0.3767, 28.8229

Details

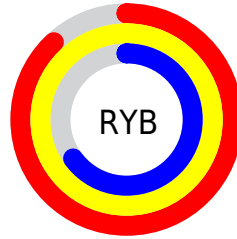
The Yxy color **74.6396, 0.3779, 0.3845** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9661, 0.2542, 0.2660**, and the grayscale version is **74.4361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **39.6135, 0.3925, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **68.6490, 0.4003, 0.4001**, and if you desaturate by 10%, it is **81.1479, 0.3570, 0.3683**.

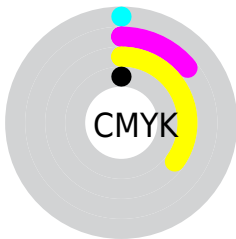
Distribution



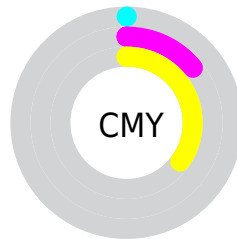
- Red (100%)
- Green (86%)
- Blue (65%)



- 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 74.6396, 0.3779, 0.3845 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 74.6396, 0.3779, 0.3845 by changing the saturation by 10% instead.


 74.6396, 0.3779,
0.3845


 74.6396, 0.3779,
0.3845


476.6779, 0.3480,
0.3596

 55.3177, 0.3846,
0.3899

 125.8021, 0.3676,
0.3761

 39.6561, 0.3927,
0.3964

 158.4114, 0.3636,
0.3727

 27.2705, 0.4028,
0.4044


196.2187, 0.3601,
0.3698

 17.7765, 0.4156,
0.4143

239.6083, 0.3571,
0.3673

 10.7897, 0.4322,
0.4267

288.9646, 0.3544,
0.3650

 5.9256, 0.4540,
0.4421

344.6721, 0.3520,

 2.7999, 0.5003,

0.3630

0.4768

407.1150, 0.3499,
0.3612

■ 1.0282, 0.5216,
0.4784

■ 0.0000, 1.0000,
0.0000

■ 74.6396, 0.3779,
0.3845

■ 74.6396, 0.3779,
0.3845

■ 68.6490, 0.4003,
0.4001

■ 81.1479, 0.3570,
0.3683

■ 63.1487, 0.4238,
0.4142

■ 88.1792, 0.3380,
0.3523

■ 58.1242, 0.4474,
0.4257

■ 95.7518, 0.3210,
0.3369

■ 53.5554, 0.4700,
0.4332

99.9983, 0.3127,
0.3290

■ 49.4200, 0.4902,
0.4358

■ 45.6915, 0.5070,
0.4329

■ 44.0654, 0.5139,
0.4302

Harmonies

Analogous

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



74.6396, 0.3883, 0.3588



74.6396, 0.3779, 0.3845



74.6396, 0.3499, 0.3968

Triad

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



74.6396, 0.3779, 0.3845



74.6396, 0.2521, 0.3247



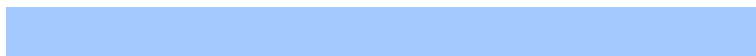
74.6396, 0.3088, 0.2775

Complementary

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



74.6396, 0.3779, 0.3845



56.9661, 0.2542, 0.2660

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.



74.6396, 0.2738, 0.2677



74.6396, 0.3779, 0.3845



74.6396, 0.2426, 0.2922

Square

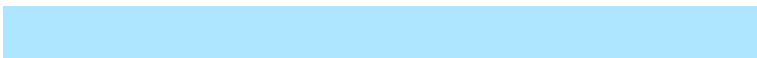
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6396, 0.3779, 0.3845



74.6396, 0.2773, 0.3614



74.6396, 0.2502, 0.2723



74.6396, 0.3471, 0.2991

Rectangle

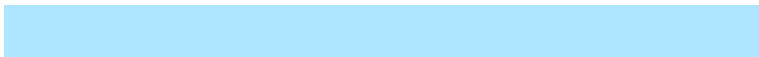
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6396, 0.3779, 0.3845



74.6396, 0.3256, 0.3940



74.6396, 0.2502, 0.2723



74.6396, 0.2963, 0.2728

Sweetspot

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



74.6431, 0.3779, 0.3845



91.3777, 0.3305, 0.3456



52.3744, 0.3633, 0.2917



19.3410, 0.3328, 0.3477



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.



74.6431, 0.3779, 0.3845



70.5789, 0.3928, 0.3951



93.8209, 0.3599, 0.4192



19.8011, 0.3279, 0.3433



23.3270, 0.5119, 0.4317



2.4852, 0.4985, 0.4424

Inverse Universe

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



56.9661, 0.2542, 0.2660



50.6402, 0.2425, 0.2516



43.1150, 0.2544, 0.2241



18.5692, 0.2979, 0.3143



9.0023, 0.1683, 0.1258



1.0833, 0.1745, 0.1481

Previews

White Background



This preview shows how the Yxy color 74.6396, 0.3779, 0.3845 looks on a white background.

Color Contrast Check

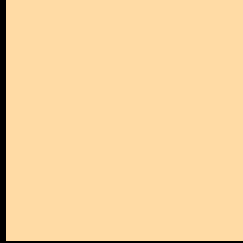
Large Text (above 18pt) WCAG AA × Fail

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 74.6396, 0.3779, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

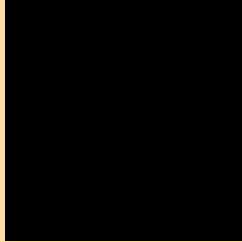
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6396, 0.3779, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 74.6396, 0.3779, 0.3845.



This preview shows how white text looks on a background with the Yxy color 74.6396, 0.3779, 0.3845.

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

74.6396, 0.3779, 0.3845

Protanopia

74.6266, 0.3633, 0.3897

Deuteranopia

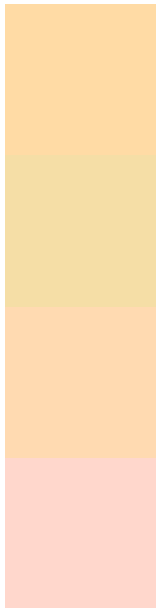
74.8635, 0.3645, 0.3640



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.6396, 0.3779, 0.3845

Protanomaly

74.4082, 0.3684, 0.3880

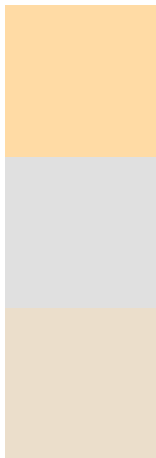
Deuteranomaly

74.5771, 0.3696, 0.3712

Tritanomaly

74.2205, 0.3505, 0.3403

Monochromacy



Original Color

74.6396, 0.3779, 0.3845

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2165, 0.3350, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6396, 0.3779, 0.3845 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, 219, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 165) }
```

Border

The CSS property to change the border of an element to Yxy 74.6396, 0.3779, 0.3845 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, 219, 165) }
```

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

```
.border{ border-color:rgb(255, 219, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6396, 0.3779, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 165) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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