

Converting Colors

$Y_{xy}(100.0000, 0.4539, 0.3570)$

Have a look what the booklet for
Yxy(100.0000, 0.4539, 0.3570)
contains.

Yxy(71.9436, 0.3726, 0.3683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9436, 0.3726, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5AF
RGB	255, 213, 175
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1647, 0.3137
CMYK	0.00, 0.16, 0.31, 0.00
HSL	28°, 100%, 84%
HSV	28°, 31%, 100%
XYZ	72.7836, 71.9436, 50.6125
YIQ	221.2260, 37.2300, -2.9140

Conversions

Conversions Part 2

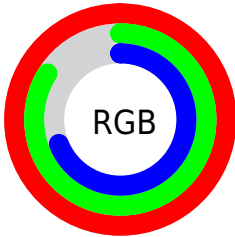
Format	Color
R _Y B	255, 247, 175
Decimal	16766383
CIE Lab	87.94, 9.42, 24.28
CIE LCh	88, 26.044, 68.802
Yxy	71.9436, 0.3726, 0.3683
Android (android.graphics.Color)	4294956463 (0xFFFFD5AF)
YUV	221.2260, -22.7894, 29.6198
Hunter-Lab	84.8196, 4.7364, 23.9949

Details

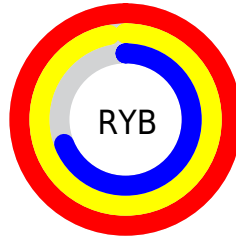
The Yxy color **71.9436, 0.3726, 0.3683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9713, 0.2625, 0.2860**, and the grayscale version is **72.6129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **37.7292, 0.3871, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **64.5691, 0.3971, 0.3812**, and if you desaturate by 10%, it is **80.0553, 0.3507, 0.3553**.

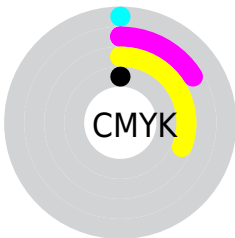
Distribution



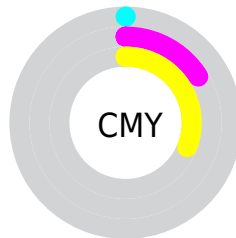
- Red (100%)
- Green (84%)
- Blue (69%)



- Red (100%)
- Yellow (97%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9436, 0.3726, 0.3683 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 71.9436, 0.3726, 0.3683 by changing the saturation by 10% instead.

 71.9436, 0.3726,
0.3683

 71.9436, 0.3726,
0.3683


467.3453, 0.3447,
0.3507

 53.1126, 0.3790,
0.3721

 121.9763, 0.3629,
0.3623

 37.8927, 0.3868,
0.3768


153.9469, 0.3592,
0.3600

 25.8994, 0.3967,
0.3824


191.0660, 0.3559,
0.3579

 16.7484, 0.4095,
0.3895

233.7183, 0.3531,
0.3561

 10.0553, 0.4266,
0.3984

282.2879, 0.3506,
0.3545

 5.4356, 0.4504,
0.4097

337.1593, 0.3484,

 2.5051, 0.4915,

0.3531

0.4289

398.7170, 0.3465,
0.3518

0.8792, 0.5526,
0.4474

0.0000, 1.0000,
0.0000

71.9436, 0.3726,
0.3683

71.9436, 0.3726,
0.3683

64.5691, 0.3971,
0.3812

80.0553, 0.3507,
0.3553

57.9203, 0.4240,
0.3931

88.9395, 0.3315,
0.3426

51.9674, 0.4526,
0.4029

98.6137, 0.3148,
0.3306

46.6827, 0.4816,
0.4094

100.0000, 0.3127,
0.3290

■ 42.0362, 0.5093,
0.4113

■ 37.9938, 0.5336,
0.4077

■ 34.9536, 0.5511,
0.4006

Harmonies

Analogous

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



71.9436, 0.3739, 0.3444



71.9436, 0.3726, 0.3683



71.9436, 0.3546, 0.3833

Triad

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



71.9436, 0.3726, 0.3683



71.9436, 0.2690, 0.3380



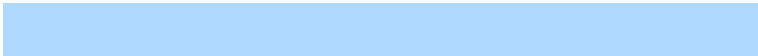
71.9436, 0.2972, 0.2809

Complementary

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



71.9436, 0.3726, 0.3683



65.9713, 0.2625, 0.2860

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.



71.9436, 0.2708, 0.2774



71.9436, 0.3726, 0.3683



71.9436, 0.2552, 0.3085

Square

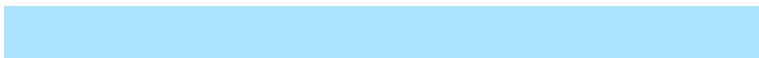
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9436, 0.3726, 0.3683



71.9436, 0.2945, 0.3663



71.9436, 0.2558, 0.2869



71.9436, 0.3291, 0.2956

Rectangle

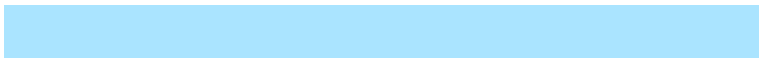
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9436, 0.3726, 0.3683



71.9436, 0.3362, 0.3851



71.9436, 0.2558, 0.2869



71.9436, 0.2874, 0.2783

Sweetspot

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



71.9394, 0.3726, 0.3683



91.1585, 0.3274, 0.3397



56.9690, 0.3466, 0.2854



19.2188, 0.3299, 0.3415



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.



71.9394, 0.3726, 0.3683



66.9698, 0.3885, 0.3769



94.1862, 0.3610, 0.4053



19.4097, 0.3282, 0.3403



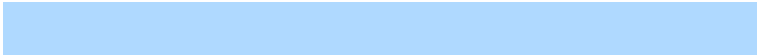
18.5582, 0.5484, 0.4027



2.0239, 0.5299, 0.4174

Inverse Universe

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



65.9713, 0.2625, 0.2860



60.0956, 0.2517, 0.2752



48.0477, 0.2569, 0.2393



18.9567, 0.2979, 0.3174



12.9720, 0.1794, 0.1659



1.4819, 0.1849, 0.1857

Previews

White Background



This preview shows how the Yxy color 71.9436, 0.3726, 0.3683 looks on a white background.

Color Contrast Check

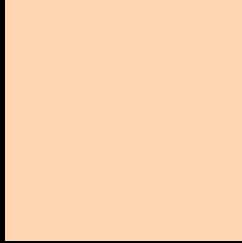
Large Text (above 18pt) WCAG AA × Fail

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 71.9436, 0.3726, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

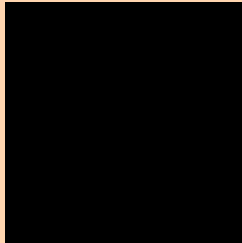
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9436, 0.3726, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 71.9436, 0.3726, 0.3683.



This preview shows how white text looks on a background with the Yxy color 71.9436, 0.3726, 0.3683.

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

71.9436, 0.3726, 0.3683

Protanopia

71.8932, 0.3521, 0.3747

Deuteranopia

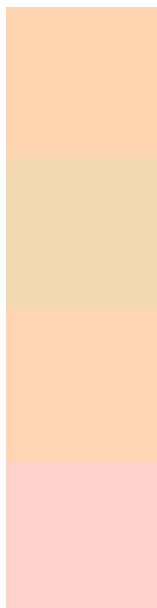
72.1032, 0.3696, 0.3642



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

71.9436, 0.3726, 0.3683

Protanomaly

71.6773, 0.3598, 0.3717

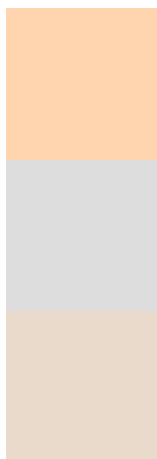
Deuteranomaly

72.0629, 0.3703, 0.3652

Tritanomaly

71.7610, 0.3507, 0.3342

Monochromacy



Original Color

71.9436, 0.3726, 0.3683

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8261, 0.3333, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9436, 0.3726, 0.3683 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, 213, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 175)  
}
```

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, 213, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 175) }
```

Border

The CSS property to change the border of an element to Yxy 71.9436, 0.3726, 0.3683 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, 213, 175) }
```

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

```
.border{ border-color:rgb(255, 213, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9436, 0.3726, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 175) }
```

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

```
.background{ background-color: rgb(255,  
213, 175) }
```

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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