

Converting Colors

$Y_{xy}(72.5572, 0.3737, 0.3766)$

Have a look what the booklet for
Yxy(72.5572, 0.3737, 0.3766)
contains.

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Color

Yxy(72.8967, 0.3737, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	FDD8AA
RGB	253, 216, 170
RGB Percent	99%, 85%, 67%
CMY	0.0079, 0.1529, 0.3332
CMYK	0.00, 0.15, 0.33, 0.01
HSL	33°, 95%, 83%
HSV	33°, 33%, 99%
XYZ	72.3162, 72.8967, 48.3011
YIQ	221.8190, 36.8180, -6.4620

Conversions

Conversions Part 2

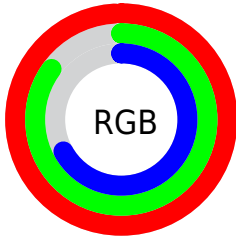
Format	Color
RYP	237, 253, 170
Decimal	16636074
CIELab	88.40, 6.47, 27.46
CIElCh	88, 28.216, 76.751
Yxy	72.8967, 0.3737, 0.3767
Android (android.graphics.Color)	4294826154 (0xFFFD8AA)
YUV	221.8190, -25.5468, 27.3457
Hunter-Lab	85.3796, 1.7746, 26.2241

Details

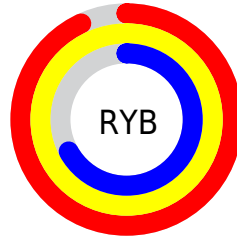
The Yxy color **72.8967, 0.3737, 0.3767** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2626, 0.2592, 0.2759**, and the grayscale version is **73.0788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **38.3762, 0.3883, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **66.4522, 0.3968, 0.3914**, and if you desaturate by 10%, it is **79.9285, 0.3526, 0.3617**.

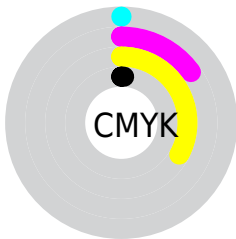
Distribution



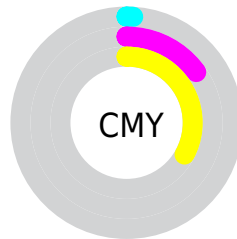
- Red (99%)
- Green (85%)
- Blue (67%)



- Red (93%)
- Yellow (99%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8967, 0.3737, 0.3767 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 72.8967, 0.3737, 0.3767 by changing the saturation by 10% instead.


 72.8967, 0.3737,
0.3767

 72.8967, 0.3737,
0.3767


470.6567, 0.3455,
0.3552

 53.8915, 0.3801,
0.3814


 123.3306, 0.3640,
0.3694

 38.5149, 0.3879,
0.3871


155.5280, 0.3602,
0.3665

 26.3826, 0.3977,
0.3941


192.8916, 0.3569,
0.3640

 17.1101, 0.4102,
0.4028

235.8059, 0.3540,
0.3618

 10.3130, 0.4268,
0.4138

284.6551, 0.3515,
0.3599

 5.6070, 0.4493,
0.4279

339.8237, 0.3493,

 2.6076, 0.4923,

0.3582

0.4557

401.6961, 0.3473,
0.3566

0.9305, 0.5320,
0.4680

0.0000, 0.0000,
0.0000

72.8967, 0.3737,
0.3767

72.8967, 0.3737,
0.3767

66.4522, 0.3968,
0.3914

79.9285, 0.3526,
0.3617

60.5665, 0.4215,
0.4050

87.5550, 0.3338,
0.3469

55.2231, 0.4469,
0.4162

95.7961, 0.3170,
0.3328

50.4005, 0.4720,
0.4239

99.6190, 0.3115,
0.3290

■ 46.0748, 0.4952,
0.4268

■ 42.2187, 0.5151,
0.4243

■ 39.7053, 0.5273,
0.4195

Harmonies

Analogous

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



72.8967, 0.3803, 0.3527



72.8967, 0.3737, 0.3767



72.8967, 0.3504, 0.3894

Triad

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



72.8967, 0.3737, 0.3767



72.8967, 0.2603, 0.3298



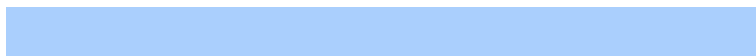
72.8967, 0.3048, 0.2805

Complementary

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



72.8967, 0.3737, 0.3767



60.2626, 0.2592, 0.2759

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.



72.8967, 0.2741, 0.2733



72.8967, 0.3737, 0.3767



72.8967, 0.2495, 0.2995

Square

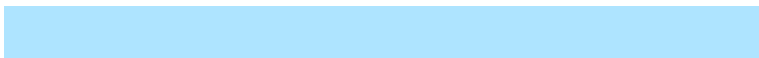
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8967, 0.3737, 0.3767



72.8967, 0.2848, 0.3620



72.8967, 0.2544, 0.2795



72.8967, 0.3393, 0.2989

Rectangle

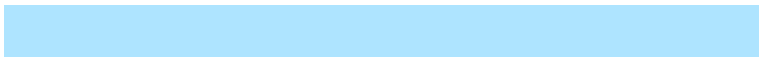
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8967, 0.3737, 0.3767



72.8967, 0.3291, 0.3883



72.8967, 0.2544, 0.2795



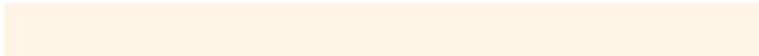
72.8967, 0.2937, 0.2767

Sweetspot

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



72.9001, 0.3737, 0.3767



91.4276, 0.3289, 0.3429



54.1606, 0.3548, 0.2903



19.3223, 0.3313, 0.3449



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.



72.9001, 0.3737, 0.3767



70.0748, 0.3878, 0.3860



93.2507, 0.3595, 0.4119



19.6570, 0.3280, 0.3422



21.4209, 0.5251, 0.4212



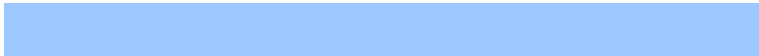
2.3038, 0.5097, 0.4335

Inverse Universe

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



60.2626, 0.2592, 0.2759



55.4914, 0.2486, 0.2638



44.8684, 0.2564, 0.2320



18.7104, 0.2979, 0.3155



10.3060, 0.1722, 0.1397



1.2174, 0.1782, 0.1615

Previews

White Background



This preview shows how the Yxy color 72.8967, 0.3737, 0.3767 looks on a white background.

Color Contrast Check

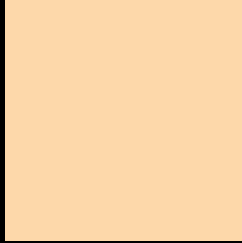
Large Text (above 18pt) WCAG AA × Fail

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 72.8967, 0.3737, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

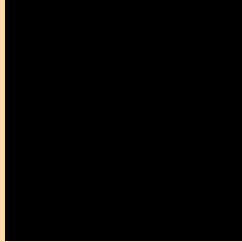
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8967, 0.3737, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 72.8967, 0.3737, 0.3767.



This preview shows how white text looks on a background with the Yxy color 72.8967, 0.3737, 0.3767.

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

72.8967, 0.3737, 0.3767

Protanopia

73.2642, 0.3574, 0.3818

Deuteranopia

72.6484, 0.3685, 0.3642



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.8967, 0.3737, 0.3767

Protanomaly

73.2196, 0.3633, 0.3800

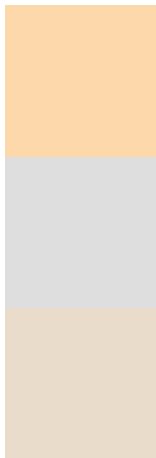
Deuteranomaly

72.8063, 0.3704, 0.3694

Tritanomaly

72.5174, 0.3503, 0.3373

Monochromacy



Original Color

72.8967, 0.3737, 0.3767

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8218, 0.3338, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8967, 0.3737, 0.3767 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(253, 216, 170)` looks like.

```
.text, #text, p{  
    color:rgb(253, 216, 170)  
}
```

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(253, 216, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 216, 170) }
```

Border

The CSS property to change the border of an element to Yxy 72.8967, 0.3737, 0.3767 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(253, 216, 170) }
```

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

```
.border{ border-color:rgb(253, 216, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 216, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 216, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 216, 170);  
box-shadow:4px 4px 4px 4px rgb(253, 216,  
170) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8967, 0.3737, 0.3767$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 216, 170) }
```

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

```
.background{ background-color: rgb(253,  
216, 170) }
```

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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