

Converting Colors

$Y_{xy}(73.1079, 0.3782, 0.3822)$

Have a look what the booklet for
Yxy(73.1079, 0.3782, 0.3822)
contains.

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Color

Yxy(72.8992, 0.3782, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	FED8A5
RGB	254, 216, 165
RGB Percent	100%, 85%, 65%
CMY	0.0038, 0.1530, 0.3530
CMYK	0.00, 0.15, 0.35, 0.00
HSL	34°, 98%, 82%
HSV	34°, 35%, 100%
XYZ	72.2308, 72.8992, 45.8556
YIQ	221.5480, 39.0190, -7.8050

Conversions

Conversions Part 2

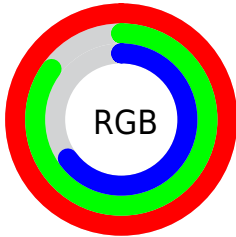
Format	Color
RYB	231, 254, 165
Decimal	16701605
CIELab	88.40, 6.28, 30.09
CIELCh	88, 30.735, 78.207
Yxy	72.8992, 0.3782, 0.3817
Android (android.graphics.Color)	4294891685 (0xFF FED8A5)
YUV	221.5480, -27.8782, 28.4604
Hunter-Lab	85.3810, 1.5909, 27.9238

Details

The Yxy color **72.8992, 0.3782, 0.3817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8870, 0.2551, 0.2696**, and the grayscale version is **72.8951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **38.4178, 0.3931, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **66.6884, 0.4013, 0.3967**, and if you desaturate by 10%, it is **79.6679, 0.3569, 0.3662**.

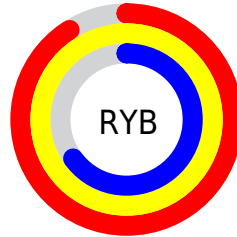
Distribution



Red (100%)

Green (85%)

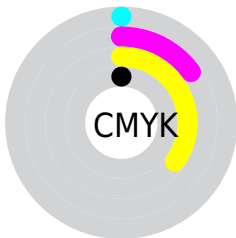
Blue (65%)



Red (91%)

Yellow (100%)

Blue (65%)

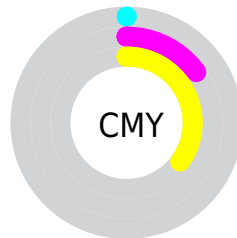


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8992, 0.3782, 0.3817 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 72.8992, 0.3782, 0.3817 by changing the saturation by 10% instead.


 72.8992, 0.3782,
0.3817


 72.8992, 0.3782,
0.3817


470.6654, 0.3480,
0.3580

 53.8935, 0.3850,
0.3869


 123.3341, 0.3678,
0.3737

 38.5166, 0.3933,
0.3931


 155.5321, 0.3637,
0.3705

 26.3838, 0.4037,
0.4007

192.8964, 0.3602,
0.3677

 17.1110, 0.4169,
0.4101

235.8113, 0.3571,
0.3653

 10.3137, 0.4341,
0.4219

284.6613, 0.3544,
0.3632

 5.6074, 0.4571,
0.4366

339.8307, 0.3520,

 2.6079, 0.5077,

0.3613

0.4716

401.7039, 0.3499,
0.3596

■ 0.9306, 0.5308,
0.4692

■ 0.0000, 0.0000,
0.0000

■ 72.8992, 0.3782,
0.3817

■ 72.8992, 0.3782,
0.3817

■ 66.6884, 0.4013,
0.3967

■ 79.6679, 0.3569,
0.3662

■ 61.0075, 0.4256,
0.4102

■ 87.0012, 0.3377,
0.3509

■ 55.8403, 0.4503,
0.4212

■ 94.9185, 0.3206,
0.3361

■ 51.1659, 0.4742,
0.4283

99.8186, 0.3121,
0.3290

■ 46.9605, 0.4959,
0.4304

■ 43.1965, 0.5141,
0.4270

■ 41.4815, 0.5219,
0.4238

Harmonies

Analogous

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



72.8992, 0.3866, 0.3559



72.8992, 0.3782, 0.3817



72.8992, 0.3520, 0.3951

Triad

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



72.8992, 0.3782, 0.3817



72.8992, 0.2548, 0.3279



72.8992, 0.3058, 0.2772

Complementary

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



72.8992, 0.3782, 0.3817



57.8870, 0.2551, 0.2696

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.



72.8992, 0.2721, 0.2687



72.8992, 0.3782, 0.3817



72.8992, 0.2441, 0.2953

Square

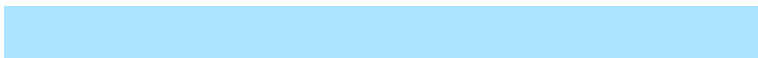
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8992, 0.3782, 0.3817



72.8992, 0.2807, 0.3635



72.8992, 0.2502, 0.2745



72.8992, 0.3434, 0.2975

Rectangle

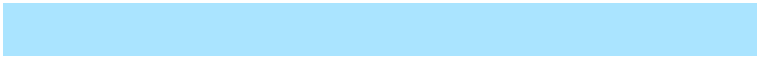
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8992, 0.3782, 0.3817



72.8992, 0.3285, 0.3934



72.8992, 0.2502, 0.2745



72.8992, 0.2936, 0.2729

Sweetspot

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



72.9026, 0.3782, 0.3817



90.9135, 0.3306, 0.3448



52.3247, 0.3601, 0.2890



19.2303, 0.3329, 0.3468



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.



72.9026, 0.3782, 0.3817



69.1134, 0.3941, 0.3922



93.6015, 0.3616, 0.4179



19.7145, 0.3280, 0.3426



22.1605, 0.5198, 0.4255



2.3746, 0.5052, 0.4371

Inverse Universe

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



57.8870, 0.2551, 0.2696



51.9393, 0.2431, 0.2553



42.7148, 0.2528, 0.2244



18.6538, 0.2979, 0.3150



9.7644, 0.1706, 0.1340



1.1622, 0.1767, 0.1561

Previews

White Background



This preview shows how the Yxy color 72.8992, 0.3782, 0.3817 looks on a white background.

Color Contrast Check

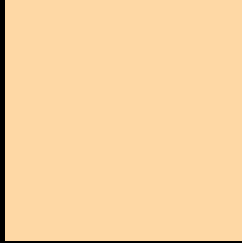
Large Text (above 18pt) WCAG AA × Fail

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 72.8992, 0.3782, 0.3817 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 72.8992, 0.3782, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 72.8992, 0.3782, 0.3817.



This preview shows how white text looks on a background with the Yxy color 72.8992, 0.3782, 0.3817.

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

72.8992, 0.3782, 0.3817

Protanopia

73.2468, 0.3616, 0.3870

Deuteranopia

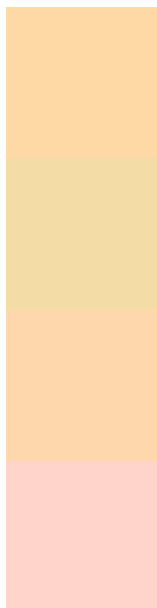
73.0752, 0.3697, 0.3672



Tritanopia

72.7350, 0.3366, 0.3150

Trichromacy



Original Color

72.8992, 0.3782, 0.3817

Protanomaly

73.2095, 0.3676, 0.3851

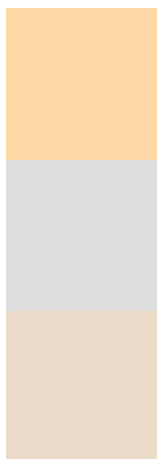
Deuteranomaly

72.8780, 0.3734, 0.3724

Tritanomaly

72.6588, 0.3518, 0.3383

Monochromacy



Original Color

72.8992, 0.3782, 0.3817

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8959, 0.3359, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8992, 0.3782, 0.3817 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(254, 216, 165)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 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(254, 216, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 165) }
```

Border

The CSS property to change the border of an element to Yxy 72.8992, 0.3782, 0.3817 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(254, 216, 165) }
```

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

```
.border{ border-color:rgb(254, 216, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 165);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8992, 0.3782, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 165) }
```

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

```
.background{ background-color: rgb(254,  
216, 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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