

Converting Colors

$Yxy(72.9456, 0.3846, 0.3904)$

Have a look what the booklet for
Yxy(72.9456, 0.3846, 0.3904)
contains.

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Color

Yxy(72.8061, 0.3847, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	FFD89D
RGB	255, 216, 157
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1530, 0.3842
CMYK	0.00, 0.15, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	71.8904, 72.8061, 42.1775
YIQ	220.9350, 42.1830, -10.0810

Conversions

Conversions Part 2

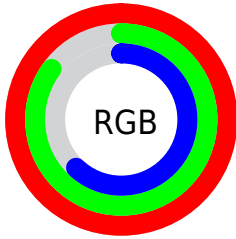
Format	Color
R _Y B	222, 255, 157
Decimal	16767133
CIE Lab	88.36, 5.76, 34.13
CIE LCh	88, 34.612, 80.428
Yxy	72.8061, 0.3847, 0.3896
Android (android.graphics.Color)	4294957213 (0xFFFFD89D)
YUV	220.9350, -31.5200, 29.8750
Hunter-Lab	85.3265, 1.0709, 30.4211

Details

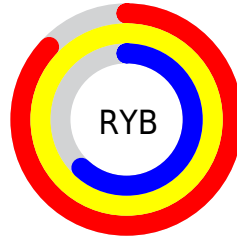
The Yxy color **72.8061, 0.3847, 0.3896** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8898, 0.2487, 0.2592**, and the grayscale version is **72.4617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **38.3800, 0.4015, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **66.9802, 0.4075, 0.4049**, and if you desaturate by 10%, it is **79.1331, 0.3633, 0.3735**.

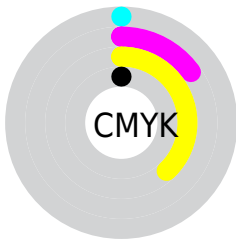
Distribution



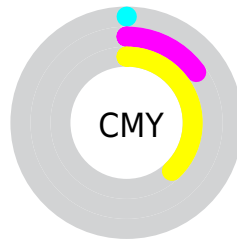
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (87%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8061, 0.3847, 0.3896 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 72.8061, 0.3847, 0.3896 by changing the saturation by 10% instead.

 72.8061, 0.3847,
0.3896

 72.8061, 0.3847,
0.3896

470.3425, 0.3516,
0.3624

 53.8174, 0.3921,
0.3955


 123.2019, 0.3734,
0.3804

 38.4557, 0.4010,
0.4025


 155.3778, 0.3689,
0.3768

 26.3366, 0.4121,
0.4111


192.7183, 0.3650,
0.3736

 17.0756, 0.4261,
0.4215

235.6077, 0.3617,
0.3708

 10.2884, 0.4440,
0.4344

284.4304, 0.3587,
0.3684

 5.5906, 0.4672,
0.4497

339.5709, 0.3561,

 2.5978, 0.5159,

0.3662

0.4841

401.4134, 0.3537,
0.3642

■ 0.9255, 0.5273,
0.4727

■ 0.0000, 0.0000,
0.0000

■ 72.8061, 0.3847,
0.3896

■ 72.8061, 0.3847,
0.3896

■ 66.9802, 0.4075,
0.4049

■ 79.1331, 0.3633,
0.3735

■ 61.6415, 0.4310,
0.4183

■ 85.9804, 0.3437,
0.3573

■ 56.7703, 0.4544,
0.4287

■ 93.3620, 0.3261,
0.3416

■ 52.3460, 0.4763,
0.4348

100.0000, 0.3127,
0.3290

■ 48.3453, 0.4954,
0.4358

■ 44.7377, 0.5111,
0.4314

■ 44.1972, 0.5134,
0.4305

Harmonies

Analogous

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



72.8061, 0.3961, 0.3610



72.8061, 0.3847, 0.3896



72.8061, 0.3538, 0.4039

Triad

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



72.8061, 0.3847, 0.3896



72.8061, 0.2463, 0.3244



72.8061, 0.3079, 0.2725

Complementary

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



72.8061, 0.3847, 0.3896



53.8898, 0.2487, 0.2592

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.



72.8061, 0.2695, 0.2618



72.8061, 0.3847, 0.3896



72.8061, 0.2358, 0.2885

Square

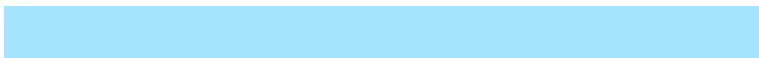
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8061, 0.3847, 0.3896



72.8061, 0.2740, 0.3653



72.8061, 0.2440, 0.2668



72.8061, 0.3502, 0.2958

Rectangle

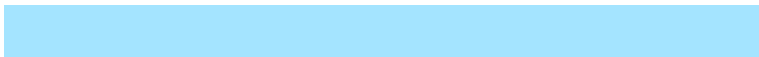
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8061, 0.3847, 0.3896



72.8061, 0.3271, 0.4012



72.8061, 0.2440, 0.2668



72.8061, 0.2941, 0.2673

Sweetspot

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



72.8051, 0.3847, 0.3896



90.6550, 0.3322, 0.3472



49.3818, 0.3696, 0.2884



19.1964, 0.3345, 0.3492



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.



72.8051, 0.3847, 0.3896



68.3430, 0.4019, 0.4013



93.4047, 0.3638, 0.4270



19.8059, 0.3279, 0.3433



23.3940, 0.5115, 0.4321



2.4915, 0.4981, 0.4427

Inverse Universe

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



53.8898, 0.2487, 0.2592



47.0464, 0.2356, 0.2425



39.5434, 0.2482, 0.2133



18.5645, 0.2979, 0.3143



8.9617, 0.1682, 0.1253



1.0790, 0.1744, 0.1477

Previews

White Background



This preview shows how the Yxy color 72.8061, 0.3847, 0.3896 looks on a white background.

Color Contrast Check

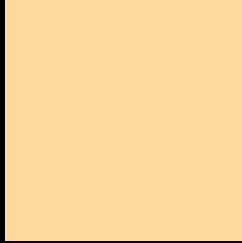
Large Text (above 18pt) WCAG AA × Fail

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 72.8061, 0.3847, 0.3896 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 72.8061, 0.3847, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 72.8061, 0.3847, 0.3896.



This preview shows how white text looks on a background with the Yxy color 72.8061, 0.3847, 0.3896.

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

72.8061, 0.3847, 0.3896

Protanopia

73.0965, 0.3686, 0.3964

Deuteranopia

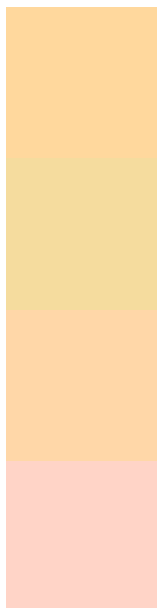
72.9560, 0.3719, 0.3703



Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.8061, 0.3847, 0.3896

Protanomaly

73.0675, 0.3747, 0.3944

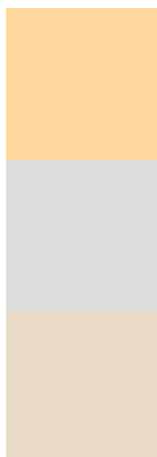
Deuteranomaly

72.6880, 0.3771, 0.3775

Tritanomaly

72.4705, 0.3548, 0.3424

Monochromacy



Original Color

72.8061, 0.3847, 0.3896

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0639, 0.3374, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8061, 0.3847, 0.3896 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, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 157)  
}
```

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, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 157) }
```

Border

The CSS property to change the border of an element to Yxy 72.8061, 0.3847, 0.3896 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, 216, 157) }
```

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

```
.border{ border-color:rgb(255, 216, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8061, 0.3847, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 157) }
```

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

```
.background{ background-color: rgb(255,  
216, 157) }
```

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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