

Converting Colors

$Y_{xy}(72.0653, 0.3859, 0.3909)$

Have a look what the booklet for
Yxy(72.0653, 0.3859, 0.3909)
contains.

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Color

Yxy(72.0383, 0.3857, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	FED79B
RGB	254, 215, 155
RGB Percent	100%, 84%, 61%
CMY	0.0041, 0.1568, 0.3921
CMYK	0.00, 0.15, 0.39, 0.00
HSL	36°, 98%, 80%
HSV	36°, 39%, 100%
XYZ	71.0800, 72.0383, 41.1700
YIQ	219.8210, 42.5040, -10.3920

Conversions

Conversions Part 2

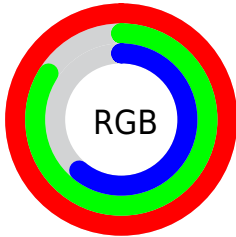
Format	Color
R _Y B	219, 254, 155
Decimal	16701339
CIE Lab	87.99, 5.62, 34.67
CIE LCh	88, 35.118, 80.785
Yxy	72.0383, 0.3857, 0.3909
Android (android.graphics.Color)	4294891419 (0xFF FED79B)
YUV	219.8210, -31.9568, 29.9750
Hunter-Lab	84.8754, 0.9553, 30.6533

Details

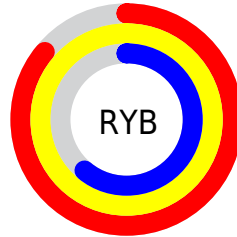
The Yxy color **72.0383, 0.3857, 0.3909** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6826, 0.2477, 0.2575**, and the grayscale version is **71.6437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **37.8566, 0.4029, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **66.3401, 0.4084, 0.4062**, and if you desaturate by 10%, it is **78.2336, 0.3643, 0.3747**.

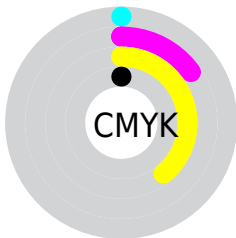
Distribution



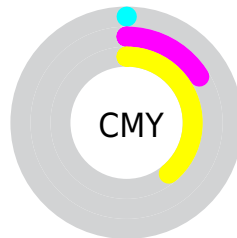
- Red (100%)
- Green (84%)
- Blue (61%)



- Red (86%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0383, 0.3857, 0.3909 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 72.0383, 0.3857, 0.3909 by changing the saturation by 10% instead.

 72.0383, 0.3857,
0.3909


 72.0383, 0.3857,
0.3909

467.6749, 0.3521,
0.3631

 53.1900, 0.3932,
0.3969

 122.1110, 0.3742,
0.3815

 37.9544, 0.4023,
0.4041


 154.1041, 0.3697,
0.3778

 25.9473, 0.4135,
0.4129


191.2476, 0.3657,
0.3745

 16.7842, 0.4277,
0.4236

233.9259, 0.3623,
0.3717

 10.0808, 0.4458,
0.4366

282.5234, 0.3593,
0.3692

 5.4526, 0.4691,
0.4521

337.4245, 0.3567,

 2.5152, 0.5155,

0.3669

0.4845

399.0135, 0.3543,
0.3649

■ 0.8842, 0.5270,
0.4730

■ 0.0000, 0.0000,
0.0000

■ 72.0383, 0.3857,
0.3909

■ 72.0383, 0.3857,
0.3909

■ 66.3401, 0.4084,
0.4062

■ 78.2336, 0.3643,
0.3747

■ 61.1121, 0.4318,
0.4196

■ 84.9317, 0.3447,
0.3584

■ 56.3394, 0.4549,
0.4299

■ 92.1506, 0.3270,
0.3426

■ 52.0017, 0.4765,
0.4358

99.8017, 0.3121,
0.3290

■ 48.0759, 0.4952, 99.8038, 0.3121,
0.4366 0.3290

■ 44.5307, 0.5106,
0.4322

■ 44.1821, 0.5121,
0.4316

Harmonies

Analogous

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



72.0383, 0.3976, 0.3619



72.0383, 0.3857, 0.3909



72.0383, 0.3540, 0.4054

Triad

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



72.0383, 0.3857, 0.3909



72.0383, 0.2449, 0.3238



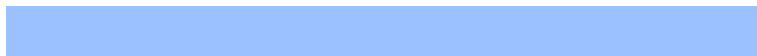
72.0383, 0.3082, 0.2718

Complementary

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



72.0383, 0.3857, 0.3909



52.6826, 0.2477, 0.2575

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.



72.0383, 0.2691, 0.2607



72.0383, 0.3857, 0.3909



72.0383, 0.2345, 0.2874

Square

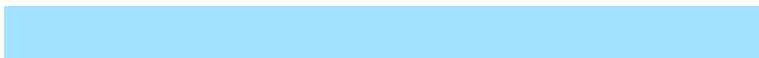
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0383, 0.3857, 0.3909



72.0383, 0.2729, 0.3655



72.0383, 0.2430, 0.2656



72.0383, 0.3513, 0.2956

Rectangle

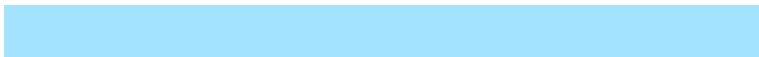
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0383, 0.3857, 0.3909



72.0383, 0.3268, 0.4025



72.0383, 0.2430, 0.2656



72.0383, 0.2942, 0.2665

Sweetspot

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



72.0417, 0.3857, 0.3909



90.7396, 0.3322, 0.3473



48.4296, 0.3708, 0.2878



19.2163, 0.3345, 0.3494



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.



72.0417, 0.3857, 0.3909



68.0452, 0.4039, 0.4033



92.4718, 0.3645, 0.4284



19.8204, 0.3279, 0.3434



23.5968, 0.5102, 0.4331



2.5106, 0.4970, 0.4436

Inverse Universe

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



52.6826, 0.2477, 0.2575



45.9681, 0.2337, 0.2395



38.5863, 0.2471, 0.2114



18.5504, 0.2979, 0.3142



8.8404, 0.1678, 0.1240



1.0663, 0.1740, 0.1463

Previews

White Background



This preview shows how the Yxy color 72.0383, 0.3857, 0.3909 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 72.0383, 0.3857, 0.3909 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 72.0383, 0.3857, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 72.0383, 0.3857, 0.3909.



This preview shows how white text looks on a background with the Yxy color 72.0383, 0.3857, 0.3909.

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

72.0383, 0.3857, 0.3909

Protanopia

72.3244, 0.3696, 0.3977

Deuteranopia

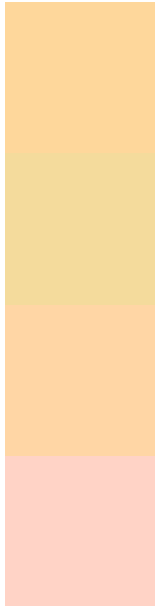
71.7888, 0.3756, 0.3725



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.0383, 0.3857, 0.3909

Protanomaly

72.2964, 0.3756, 0.3957

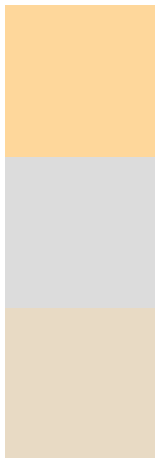
Deuteranomaly

72.0697, 0.3796, 0.3796

Tritanomaly

71.9257, 0.3558, 0.3425

Monochromacy



Original Color

72.0383, 0.3857, 0.3909

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2841, 0.3382, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0383, 0.3857, 0.3909 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, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 155)  
}
```

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, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 155) }
```

Border

The CSS property to change the border of an element to Yxy 72.0383, 0.3857, 0.3909 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, 215, 155) }
```

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

```
.border{ border-color:rgb(254, 215, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0383, 0.3857, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 155) }
```

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

```
.background{ background-color: rgb(254,  
215, 155) }
```

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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