

Converting Colors

$Y_{xy}(79.3739, 0.4124, 0.3821)$

Have a look what the booklet for
Yxy(79.3739, 0.4124, 0.3821)
contains.

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Color

Yxy(72.2952, 0.3851, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	FFD79D
RGB	255, 215, 157
RGB Percent	100%, 84%, 62%
CMY	0.0000, 0.1568, 0.3844
CMYK	0.00, 0.16, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	71.6256, 72.2952, 42.0715
YIQ	220.3480, 42.4580, -9.5580

Conversions

Conversions Part 2

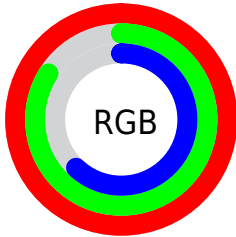
Format	Color
R _Y B	225, 255, 157
Decimal	16766877
CIE Lab	88.11, 6.25, 33.83
CIE LCh	88, 34.403, 79.533
Yxy	72.2952, 0.3851, 0.3887
Android (android.graphics.Color)	4294956957 (0xFFFFD79D)
YUV	220.3480, -31.2306, 30.3898
Hunter-Lab	85.0266, 1.5703, 30.1817

Details

The Yxy color **72.2952, 0.3851, 0.3887** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3110, 0.2489, 0.2604**, and the grayscale version is **72.0274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **38.0318, 0.4021, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **66.3844, 0.4082, 0.4038**, and if you desaturate by 10%, it is **78.7311, 0.3635, 0.3728**.

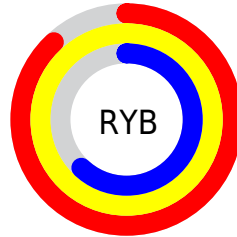
Distribution



Red (100%)

Green (84%)

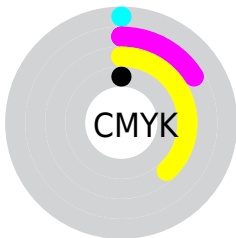
Blue (62%)



Red (88%)

Yellow (100%)

Blue (62%)

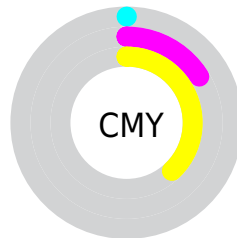


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2952, 0.3851, 0.3887 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 72.2952, 0.3851, 0.3887 by changing the saturation by 10% instead.


 72.2952, 0.3851,
0.3887


 72.2952, 0.3851,
0.3887


468.5684, 0.3518,
0.3619

 53.3999, 0.3925,
0.3945


 122.4761, 0.3737,
0.3797

 38.1221, 0.4016,
0.4014


 154.5305, 0.3692,
0.3761

 26.0774, 0.4128,
0.4098


191.7400, 0.3653,
0.3729

 16.8816, 0.4270,
0.4201

234.4891, 0.3619,
0.3702

 10.1501, 0.4453,
0.4327

283.1620, 0.3589,
0.3678

 5.4986, 0.4689,
0.4477

338.1433, 0.3563,

 2.5427, 0.5185,

0.3656

0.4815

399.8173, 0.3539,
0.3637

0.8979, 0.5311,
0.4689

0.0000, 0.0000,
0.0000

72.2952, 0.3851,
0.3887

72.2952, 0.3851,
0.3887

66.3844, 0.4082,
0.4038

78.7311, 0.3635,
0.3728

60.9716, 0.4321,
0.4170

85.6992, 0.3439,
0.3569

56.0409, 0.4558,
0.4272

93.2180, 0.3261,
0.3414

51.5713, 0.4782,
0.4331

100.0000, 0.3127,
0.3290

■ 47.5389, 0.4978,
0.4338

■ 43.9128, 0.5139,
0.4292

■ 43.3768, 0.5163,
0.4282

Harmonies

Analogous

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



72.2952, 0.3958, 0.3600



72.2952, 0.3851, 0.3887



72.2952, 0.3548, 0.4035

Triad

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



72.2952, 0.3851, 0.3887



72.2952, 0.2472, 0.3256



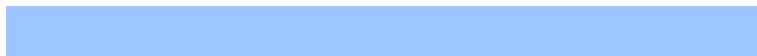
72.2952, 0.3066, 0.2722

Complementary

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



72.2952, 0.3851, 0.3887



54.3110, 0.2489, 0.2604

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.



72.2952, 0.2686, 0.2620



72.2952, 0.3851, 0.3887



72.2952, 0.2362, 0.2896

Square

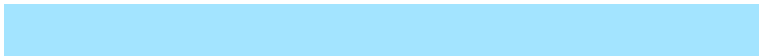
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2952, 0.3851, 0.3887



72.2952, 0.2752, 0.3663



72.2952, 0.2437, 0.2674



72.2952, 0.3488, 0.2951

Rectangle

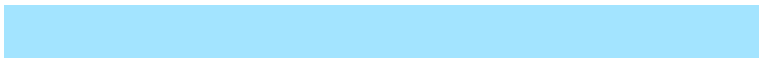
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2952, 0.3851, 0.3887



72.2952, 0.3283, 0.4013



72.2952, 0.2437, 0.2674



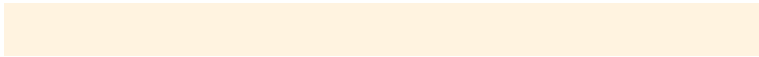
72.2952, 0.2929, 0.2672

Sweetspot

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



72.2984, 0.3851, 0.3887



90.4741, 0.3322, 0.3469



49.4392, 0.3681, 0.2867



19.1538, 0.3345, 0.3489



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.



72.2984, 0.3851, 0.3887



67.7781, 0.4024, 0.4002



93.6976, 0.3650, 0.4267



19.7748, 0.3279, 0.3431



22.9664, 0.5143, 0.4299



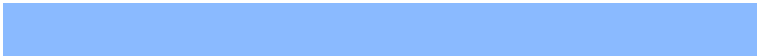
2.4511, 0.5005, 0.4408

Inverse Universe

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



54.3110, 0.2489, 0.2604



47.5319, 0.2358, 0.2440



39.3461, 0.2471, 0.2129



18.5948, 0.2979, 0.3145



9.2268, 0.1690, 0.1282



1.1067, 0.1751, 0.1505

Previews

White Background



This preview shows how the Yxy color 72.2952, 0.3851, 0.3887 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 72.2952, 0.3851, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

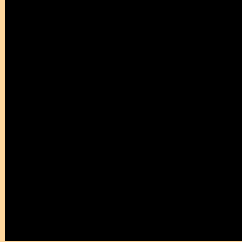
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2952, 0.3851, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 72.2952, 0.3851, 0.3887.



This preview shows how white text looks on a background with the Yxy color 72.2952, 0.3851, 0.3887.

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

72.2952, 0.3851, 0.3887

Protanopia

72.4281, 0.3675, 0.3945

Deuteranopia

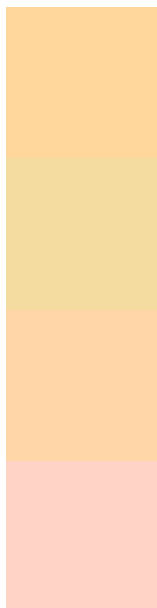
72.3703, 0.3737, 0.3714



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.2952, 0.3851, 0.3887

Protanomaly

72.3993, 0.3735, 0.3925

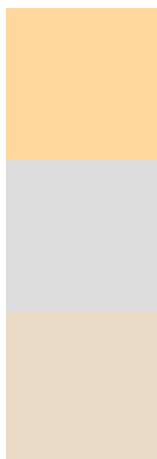
Deuteranomaly

72.1432, 0.3782, 0.3776

Tritanomaly

71.9257, 0.3558, 0.3425

Monochromacy



Original Color

72.2952, 0.3851, 0.3887

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4977, 0.3383, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2952, 0.3851, 0.3887 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, 215, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 157) }
```

Border

The CSS property to change the border of an element to Yxy 72.2952, 0.3851, 0.3887 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, 215, 157) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
157) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2952, 0.3851, 0.3887$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 157) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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