

Converting Colors

$Y_{xy}(70.1701, 0.3675, 0.3824)$

Have a look what the booklet for
Yxy(70.1701, 0.3675, 0.3824)
contains.

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Color

Yxy(70.0548, 0.3675, 0.3817)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F1D7A6 |
| RGB | 241, 215, 166 |
| RGB Percent | 95%, 84%, 65% |
| CMY | 0.0550, 0.1568, 0.3491 |
| CMYK | 0.00, 0.11, 0.31, 0.06 |
| HSL | 39°, 73%, 80% |
| HSV | 39°, 31%, 94% |
| XYZ | 67.4486, 70.0548, 46.0302 |
| YIQ | 217.1880, 31.2250, -9.7270 |

Conversions

Conversions Part 2

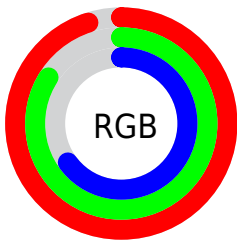
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 241, 166 |
| Decimal | 15849382 |
| CIE Lab | 87.02, 1.91, 27.52 |
| CIE LCh | 87, 27.590, 86.027 |
| Yxy | 70.0548, 0.3675, 0.3817 |
| Android (android.graphics.Color) | 4294039462 (0xFFFF1D7A6) |
| YUV | 217.1880, -25.2357, 20.8831 |
| Hunter-Lab | 83.6987, -2.6286, 25.9825 |

Details

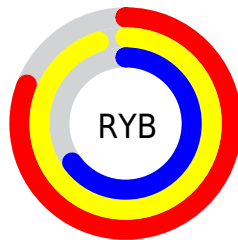
The Yxy color **70.0548, 0.3675, 0.3817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1183, 0.2611, 0.2698**, and the grayscale version is **69.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **36.5469, 0.3803, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **65.1160, 0.3882, 0.3988**, and if you desaturate by 10%, it is **75.3821, 0.3482, 0.3643**.

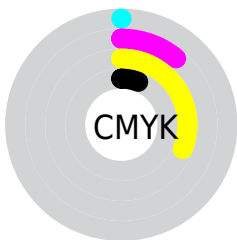
Distribution



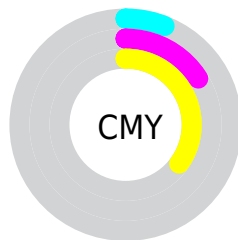
- Red (95%)
- Green (84%)
- Blue (65%)



- Red (81%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0548, 0.3675, 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 70.0548, 0.3675, 0.3817 by changing the saturation by 10% instead.


 70.0548, 0.3675,
0.3817


 70.0548, 0.3675,
0.3817

460.7424, 0.3421,
0.3575

 51.5712, 0.3732,
0.3871


 119.2869, 0.3587,
0.3734

 36.6634, 0.3803,
0.3938


 150.8042, 0.3553,
0.3701

 24.9470, 0.3891,
0.4020


187.4349, 0.3523,
0.3673

 16.0376, 0.4004,
0.4125

229.5633, 0.3498,
0.3648

 9.5507, 0.4153,
0.4262

277.5738, 0.3475,
0.3626

 5.1021, 0.4354,
0.4442

331.8510, 0.3455,

 2.3073, 0.4838,

0.3607

0.4891

392.7790, 0.3437,
0.3590

0.7776, 0.5026,
0.4974

0.0000, 0.0000,
0.0000

70.0548, 0.3675,
0.3817

70.0548, 0.3675,
0.3817

65.1160, 0.3882,
0.3988

75.3821, 0.3482,
0.3643

60.5435, 0.4097,
0.4148

81.1000, 0.3304,
0.3472

56.3273, 0.4314,
0.4286

87.2227, 0.3144,
0.3308

52.4525, 0.4521,
0.4390

93.2774, 0.3042,
0.3225

■ 48.9027, 0.4709,
0.4450

■ 97.4350, 0.3041,
0.3290

■ 45.6587, 0.4867,
0.4458

■ 43.0096, 0.4983,
0.4426

Harmonies

Analogous

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



70.0548, 0.3797, 0.3606



70.0548, 0.3675, 0.3817



70.0548, 0.3406, 0.3893

Triad

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



70.0548, 0.3675, 0.3817



70.0548, 0.2558, 0.3198



70.0548, 0.3155, 0.2855

Complementary

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



70.0548, 0.3675, 0.3817



52.1183, 0.2611, 0.2698

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.



70.0548, 0.2829, 0.2746



70.0548, 0.3675, 0.3817



70.0548, 0.2499, 0.2923

Square

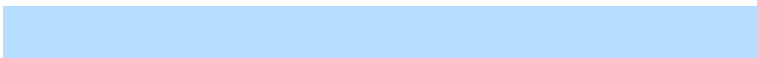
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0548, 0.3675, 0.3817



70.0548, 0.2764, 0.3523



70.0548, 0.2595, 0.2766



70.0548, 0.3489, 0.3065

Rectangle

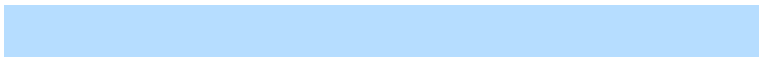
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0548, 0.3675, 0.3817



70.0548, 0.3185, 0.3844



70.0548, 0.2595, 0.2766



70.0548, 0.3041, 0.2806

Sweetspot

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



70.0580, 0.3675, 0.3817



93.6468, 0.3269, 0.3437



49.7738, 0.3587, 0.3004



19.8321, 0.3294, 0.3461



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.



70.0580, 0.3675, 0.3817



76.2519, 0.3797, 0.3921



82.4198, 0.3517, 0.4090



17.4846, 0.3277, 0.3444



23.5917, 0.4966, 0.4439



2.1475, 0.4838, 0.4540

Inverse Universe

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



52.1183, 0.2611, 0.2698



53.0315, 0.2504, 0.2562



42.9855, 0.2654, 0.2393



16.1231, 0.2980, 0.3131



7.0575, 0.1643, 0.1113



0.7663, 0.1715, 0.1375

Previews

White Background



This preview shows how the Yxy color 70.0548, 0.3675, 0.3817 looks on a white background.

Color Contrast Check

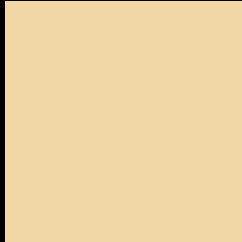
Large Text (above 18pt) WCAG AA × Fail

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 70.0548, 0.3675, 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 70.0548, 0.3675, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 70.0548, 0.3675, 0.3817.



This preview shows how white text looks on a background with the Yxy color 70.0548, 0.3675, 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

70.0548, 0.3675, 0.3817

Protanopia

70.2565, 0.3596, 0.3848

Deuteranopia

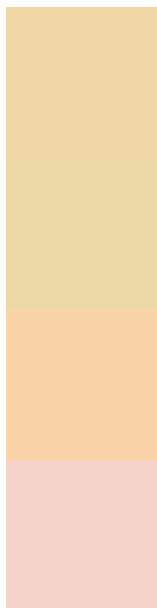
69.7255, 0.3784, 0.3705



Tritanopia

69.9098, 0.3324, 0.3126

Trichromacy



Original Color

70.0548, 0.3675, 0.3817

Protanomaly

70.2486, 0.3622, 0.3834

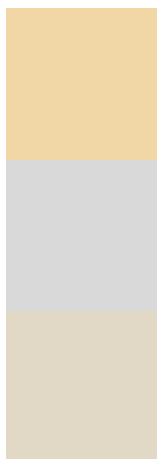
Deuteranomaly

69.7397, 0.3745, 0.3742

Tritanomaly

69.7699, 0.3452, 0.3375

Monochromacy



Original Color

70.0548, 0.3675, 0.3817

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3577, 0.3326, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0548, 0.3675, 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(241, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 166)  
}
```

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(241, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 166) }
```

Border

The CSS property to change the border of an element to Yxy 70.0548, 0.3675, 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(241, 215, 166) }
```

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

```
.border{ border-color:rgb(241, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0548, 0.3675, 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(241, 215, 166) }
```

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

```
.background{ background-color: rgb(241,  
215, 166) }
```

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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