

Converting Colors

$Y_{xy}(71.1337, 0.3757, 0.3804)$

Have a look what the booklet for
Yxy(71.1337, 0.3757, 0.3804)
contains.

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Color

Yxy(71.1337, 0.3757, 0.3804)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FAD6A5 |
| RGB | 250, 214, 165 |
| RGB Percent | 98%, 84%, 65% |
| CMY | 0.0197, 0.1607, 0.3531 |
| CMYK | 0.00, 0.14, 0.34, 0.02 |
| HSL | 35°, 89%, 81% |
| HSV | 35°, 34%, 98% |
| XYZ | 70.2548, 71.1337, 45.6086 |
| YIQ | 219.1780, 37.1850, -7.6070 |

Conversions

Conversions Part 2

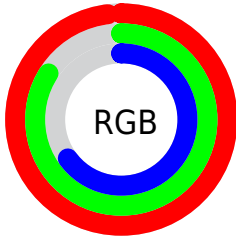
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 227, 250, 165 |
| Decimal | 16438949 |
| CIE Lab | 87.55, 5.74, 28.89 |
| CIE LCh | 88, 29.456, 78.754 |
| Yxy | 71.1337, 0.3757, 0.3804 |
| Android (android.graphics.Color) | 4294629029 (0xFFFA6A5) |
| YUV | 219.1780, -26.7098, 27.0309 |
| Hunter-Lab | 84.3408, 1.0918, 26.9766 |

Details

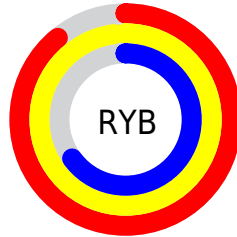
The Yxy color **71.1337, 0.3757, 0.3804** is a light color, and the websafe version is hex **FFCC99**, and the color name is **deep champagne**. A complement of this color would be **56.6390, 0.2569, 0.2713**, and the grayscale version is **71.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **37.1950, 0.3901, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **65.1331, 0.3985, 0.3956**, and if you desaturate by 10%, it is **77.6664, 0.3547, 0.3648**.

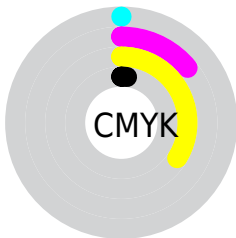
Distribution



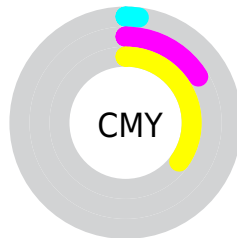
- Red (98%)
- Green (84%)
- Blue (65%)



- Red (89%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1337, 0.3757, 0.3804 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 71.1337, 0.3757, 0.3804 by changing the saturation by 10% instead.


 71.1337, 0.3757,
0.3804


 71.1337, 0.3757,
0.3804

464.5207, 0.3465,
0.3571

 52.4513, 0.3823,
0.3855


 120.8241, 0.3656,
0.3725

 37.3649, 0.3904,
0.3917


 152.6009, 0.3617,
0.3693

 25.4902, 0.4005,
0.3993


189.5112, 0.3583,
0.3666

 16.4426, 0.4135,
0.4088

231.9396, 0.3553,
0.3643

 9.8379, 0.4306,
0.4208

280.2703, 0.3527,
0.3622

 5.2916, 0.4535,
0.4359

334.8878, 0.3504,

 2.4194, 0.5068,

0.3603

0.4744

396.1765, 0.3484,
0.3586

0.8358, 0.5288,
0.4712

0.0000, 0.0000,
0.0000

71.1337, 0.3757,
0.3804

71.1337, 0.3757,
0.3804

65.1331, 0.3985,
0.3956

77.6664, 0.3547,
0.3648

59.6377, 0.4225,
0.4094

84.7372, 0.3358,
0.3494

54.6326, 0.4471,
0.4208

92.3644, 0.3189,
0.3347

50.0979, 0.4709,
0.4284

99.0604, 0.3096,
0.3290

■ 46.0115, 0.4927,
0.4312

■ 42.3475, 0.5111,
0.4286

■ 40.3352, 0.5206,
0.4248

Harmonies

Analogous

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



71.1337, 0.3841, 0.3556



71.1337, 0.3757, 0.3804



71.1337, 0.3501, 0.3929

Triad

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



71.1337, 0.3757, 0.3804



71.1337, 0.2564, 0.3274



71.1337, 0.3067, 0.2791

Complementary

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



71.1337, 0.3757, 0.3804



56.6390, 0.2569, 0.2713

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.



71.1337, 0.2739, 0.2706



71.1337, 0.3757, 0.3804



71.1337, 0.2462, 0.2960

Square

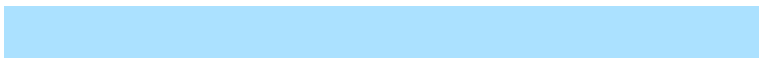
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1337, 0.3757, 0.3804



71.1337, 0.2813, 0.3617



71.1337, 0.2524, 0.2761



71.1337, 0.3430, 0.2990

Rectangle

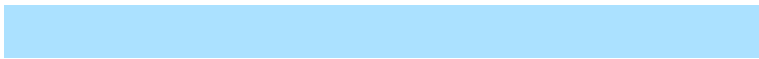
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1337, 0.3757, 0.3804



71.1337, 0.3274, 0.3910



71.1337, 0.2524, 0.2761



71.1337, 0.2949, 0.2748

Sweetspot

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



71.1370, 0.3757, 0.3804



91.7742, 0.3288, 0.3434



51.4744, 0.3581, 0.2903



19.4062, 0.3312, 0.3455



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.



71.1370, 0.3757, 0.3804



69.9507, 0.3915, 0.3912



90.3639, 0.3602, 0.4152



18.8885, 0.3279, 0.3427



21.6899, 0.5185, 0.4265



2.2188, 0.5034, 0.4385

Inverse Universe

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



56.6390, 0.2569, 0.2713



52.6340, 0.2448, 0.2569



42.4168, 0.2550, 0.2281



17.8500, 0.2979, 0.3149



9.3736, 0.1703, 0.1329



1.0731, 0.1767, 0.1561

Previews

White Background



This preview shows how the Yxy color 71.1337, 0.3757, 0.3804 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 71.1337, 0.3757, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

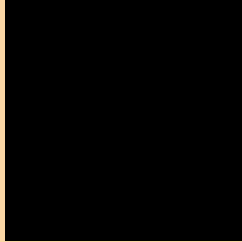
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1337, 0.3757, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 71.1337, 0.3757, 0.3804.



This preview shows how white text looks on a background with the Yxy color 71.1337, 0.3757, 0.3804.

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

71.1337, 0.3757, 0.3804

Protanopia

71.1152, 0.3609, 0.3855

Deuteranopia

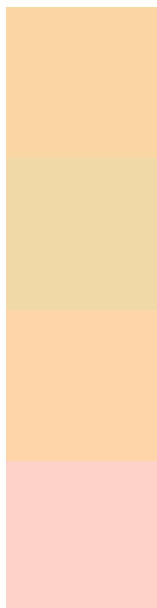
71.3255, 0.3751, 0.3704



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.1337, 0.3757, 0.3804

Protanomaly

70.9041, 0.3661, 0.3838

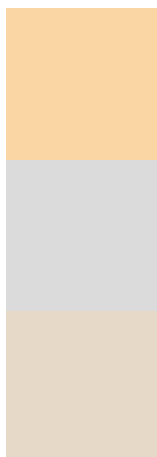
Deuteranomaly

71.3357, 0.3755, 0.3748

Tritanomaly

71.1929, 0.3522, 0.3384

Monochromacy



Original Color

71.1337, 0.3757, 0.3804

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.5722, 0.3347, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1337, 0.3757, 0.3804 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(250, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 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(250, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 165) }
```

Border

The CSS property to change the border of an element to Yxy 71.1337, 0.3757, 0.3804 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(250, 214, 165) }
```

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

```
.border{ border-color:rgb(250, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1337, 0.3757, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 165) }
```

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

```
.background{ background-color: rgb(250,  
214, 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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