

Converting Colors

$Y_{xy}(80.0259, 0.4211, 0.3673)$

Have a look what the booklet for
Yxy(80.0259, 0.4211, 0.3673)
contains.

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Color

Yxy(69.0884, 0.3818, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0A5
RGB	255, 208, 165
RGB Percent	100%, 82%, 65%
CMY	0.0000, 0.1843, 0.3530
CMYK	0.00, 0.18, 0.35, 0.00
HSL	29°, 100%, 82%
HSV	29°, 35%, 100%
XYZ	70.5859, 69.0884, 45.2023
YIQ	217.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

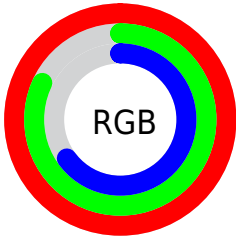
Format	Color
R _Y B	255, 247, 165
Decimal	16765093
CIE Lab	86.55, 10.77, 27.61
CIE LCh	87, 29.636, 68.683
Yxy	69.0884, 0.3818, 0.3737
Android (android.graphics.Color)	4294955173 (0xFFFFD0A5)
YUV	217.1510, -25.7104, 33.1936
Hunter-Lab	83.1194, 6.1251, 25.9403

Details

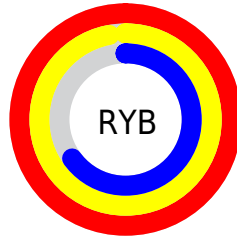
The Yxy color $69.0884, 0.3818, 0.3737$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $62.2905, 0.2560, 0.2793$, and the grayscale version is $69.6561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9473, 0.3333, 0.3631$, and $36.1738, 0.3981, 0.3834$ is the 20% darker color. If you saturate the color by 10%, you get $62.0325, 0.4072, 0.3864$, and if you desaturate by 10%, it is $76.8806, 0.3589, 0.3606$.

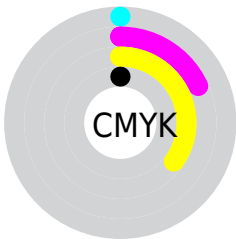
Distribution



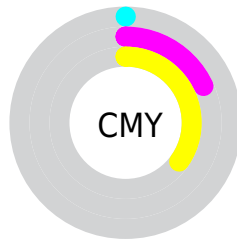
- Red (100%)
- Green (82%)
- Blue (65%)



- Red (100%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0884, 0.3818, 0.3737 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 69.0884, 0.3818, 0.3737 by changing the saturation by 10% instead.


 69.0884, 0.3818,
0.3737


 69.0884, 0.3818,
0.3737


457.3427, 0.3495,
0.3537

 50.7837, 0.3892,
0.3780

 117.9078, 0.3706,
0.3669

 36.0365, 0.3983,
0.3832


 149.1914, 0.3662,
0.3643

 24.4624, 0.4098,
0.3895


185.5699, 0.3624,
0.3619

 15.6770, 0.4247,
0.3972

227.4280, 0.3592,
0.3599

 9.2959, 0.4444,
0.4067

275.1499, 0.3563,
0.3581

 4.9347, 0.4716,
0.4180

329.1201, 0.3537,

 2.2090, 0.5355,

0.3565

0.4513

389.7229, 0.3515,
0.3550

0.7249, 0.5690,
0.4310

0.0000, 0.0000,
0.0000

69.0884, 0.3818,
0.3737

69.0884, 0.3818,
0.3737

62.0325, 0.4072,
0.3864

76.8806, 0.3589,
0.3606

55.6790, 0.4348,
0.3977

85.4225, 0.3388,
0.3477

50.0050, 0.4636,
0.4065

94.7392, 0.3211,
0.3353

44.9822, 0.4922,
0.4114

100.0000, 0.3127,
0.3290

■ 40.5795, 0.5186,
0.4112

■ 36.7611, 0.5409,
0.4055

■ 35.1508, 0.5502,
0.4014

Harmonies

Analogous

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



69.0884, 0.3834, 0.3462



69.0884, 0.3818, 0.3737



69.0884, 0.3609, 0.3915

Triad

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



69.0884, 0.3818, 0.3737



69.0884, 0.2625, 0.3393



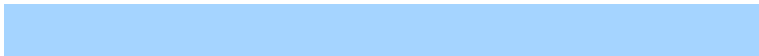
69.0884, 0.2946, 0.2740

Complementary

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



69.0884, 0.3818, 0.3737



62.2905, 0.2560, 0.2793

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.



69.0884, 0.2645, 0.2700



69.0884, 0.3818, 0.3737



69.0884, 0.2468, 0.3052

Square

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



69.0884, 0.3818, 0.3737



69.0884, 0.2917, 0.3724



69.0884, 0.2476, 0.2805



69.0884, 0.3314, 0.2907

Rectangle

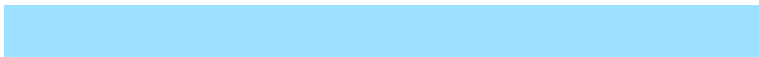
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0884, 0.3818, 0.3737



69.0884, 0.3396, 0.3941



69.0884, 0.2476, 0.2805



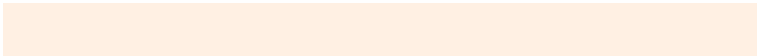
69.0884, 0.2834, 0.2711

Sweetspot

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



69.0916, 0.3818, 0.3737



89.3341, 0.3309, 0.3422



52.9669, 0.3523, 0.2798



18.8539, 0.3333, 0.3439



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.



69.0916, 0.3818, 0.3737



64.2840, 0.3986, 0.3823



93.5963, 0.3670, 0.4146



19.4195, 0.3282, 0.3404



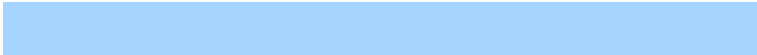
18.6619, 0.5475, 0.4035



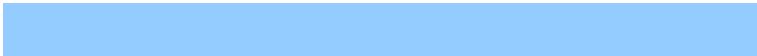
2.0342, 0.5291, 0.4181

Inverse Universe

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



62.2905, 0.2560, 0.2793



56.6013, 0.2452, 0.2680



43.2156, 0.2487, 0.2260



18.9469, 0.2979, 0.3173



12.8556, 0.1791, 0.1648



1.4706, 0.1847, 0.1847

Previews

White Background



This preview shows how the Yxy color 69.0884, 0.3818, 0.3737 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 69.0884, 0.3818, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

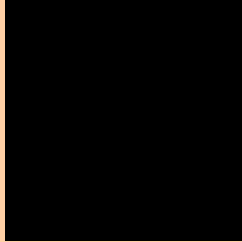
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0884, 0.3818, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 69.0884, 0.3818, 0.3737.



This preview shows how white text looks on a background with the Yxy color 69.0884, 0.3818, 0.3737.

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

69.0884, 0.3818, 0.3737

Protanopia

69.4792, 0.3569, 0.3819

Deuteranopia

69.0884, 0.3818, 0.3737



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.0884, 0.3818, 0.3737

Protanomaly

69.4456, 0.3656, 0.3786

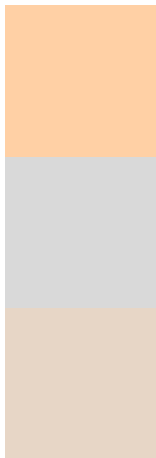
Deuteranomaly

69.0884, 0.3818, 0.3737

Tritanomaly

68.9999, 0.3571, 0.3363

Monochromacy



Original Color

69.0884, 0.3818, 0.3737

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1593, 0.3367, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0884, 0.3818, 0.3737 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, 208, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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(255, 208, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 165) }
```

Border

The CSS property to change the border of an element to Yxy 69.0884, 0.3818, 0.3737 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, 208, 165) }
```

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

```
.border{ border-color:rgb(255, 208, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 165); box-shadow:4px 4px 4px 4px rgb(255, 208, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0884, 0.3818, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 165) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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