

Converting Colors

$Yxy(69.9618, 0.3833, 0.3787)$

Have a look what the booklet for
Yxy(69.9618, 0.3833, 0.3787)
contains.

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Color

Yxy(69.9618, 0.3833, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A2
RGB	255, 210, 162
RGB Percent	100%, 82%, 64%
CMY	0.0000, 0.1765, 0.3646
CMYK	0.00, 0.18, 0.36, 0.00
HSL	31°, 100%, 82%
HSV	31°, 36%, 100%
XYZ	70.8116, 69.9618, 43.9686
YIQ	217.9830, 42.2280, -5.3880

Conversions

Conversions Part 2

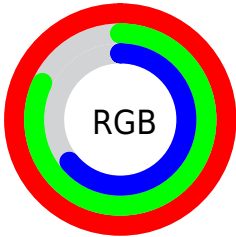
Format	Color
RYB	249, 255, 162
Decimal	16765602
CIELab	86.98, 9.40, 29.72
CIElCh	87, 31.171, 72.448
Yxy	69.9618, 0.3833, 0.3787
Android (android.graphics.Color)	4294955682 (0xFFFFD2A2)
YUV	217.9830, -27.5996, 32.4639
Hunter-Lab	83.6432, 4.7411, 27.3833

Details

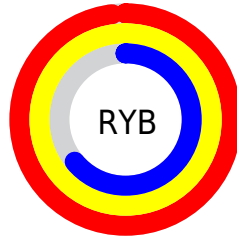
The Yxy color **69.9618, 0.3833, 0.3787** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.5451, 0.2536, 0.2731**, and the grayscale version is **70.2735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **36.7730, 0.3998, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **63.2857, 0.4080, 0.3922**, and if you desaturate by 10%, it is **77.2966, 0.3608, 0.3646**.

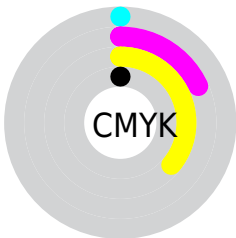
Distribution



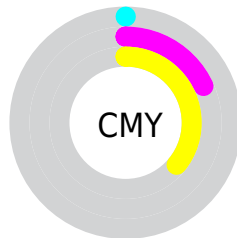
- Red (100%)
- Green (82%)
- Blue (64%)



- Red (98%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9618, 0.3833, 0.3787 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 69.9618, 0.3833, 0.3787 by changing the saturation by 10% instead.


 69.9618, 0.3833,
0.3787

 69.9618, 0.3833,
0.3787

460.4159, 0.3504,
0.3565

 51.4954, 0.3908,
0.3835


 119.1543, 0.3719,
0.3712

 36.6030, 0.3999,
0.3893


 150.6491, 0.3675,
0.3682

 24.9003, 0.4114,
0.3963


187.2556, 0.3636,
0.3656

 16.0028, 0.4262,
0.4049

229.3581, 0.3603,
0.3633

 9.5261, 0.4457,
0.4154

277.3409, 0.3574,
0.3613

 5.0859, 0.4719,
0.4280

331.5886, 0.3548,

 2.2978, 0.5353,

0.3595

0.4647

392.4854, 0.3525,
0.3579

0.7725, 0.5566,
0.4434

0.0000, 0.0000,
0.0000

69.9618, 0.3833,
0.3787

69.9618, 0.3833,
0.3787

63.2857, 0.4080,
0.3922

77.2966, 0.3608,
0.3646

57.2394, 0.4344,
0.4042

85.3035, 0.3407,
0.3507

51.8021, 0.4616,
0.4134

94.0040, 0.3230,
0.3373

46.9482, 0.4881,
0.4186

100.0000, 0.3127,
0.3290

■ 42.6497, 0.5122,
0.4187

■ 38.8735, 0.5324,
0.4132

■ 37.6478, 0.5388,
0.4104

Harmonies

Analogous

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



69.9618, 0.3878, 0.3507



69.9618, 0.3833, 0.3787



69.9618, 0.3593, 0.3957

Triad

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



69.9618, 0.3833, 0.3787



69.9618, 0.2573, 0.3350



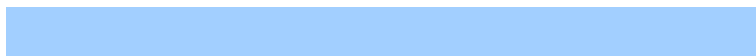
69.9618, 0.2983, 0.2731

Complementary

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



69.9618, 0.3833, 0.3787



59.5451, 0.2536, 0.2731

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.



69.9618, 0.2655, 0.2671



69.9618, 0.3833, 0.3787



69.9618, 0.2430, 0.3000

Square

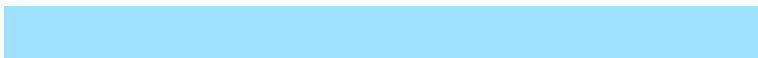
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9618, 0.3833, 0.3787



69.9618, 0.2863, 0.3708



69.9618, 0.2460, 0.2760



69.9618, 0.3370, 0.2919

Rectangle

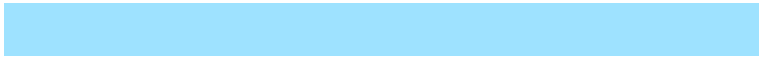
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9618, 0.3833, 0.3787



69.9618, 0.3361, 0.3968



69.9618, 0.2460, 0.2760



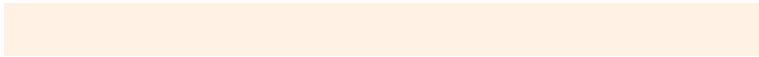
69.9618, 0.2863, 0.2695

Sweetspot

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



69.9642, 0.3833, 0.3787



89.9648, 0.3307, 0.3433



51.6917, 0.3569, 0.2812



19.0041, 0.3331, 0.3451



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.



69.9642, 0.3833, 0.3787



64.8677, 0.4018, 0.3890



95.3898, 0.3678, 0.4200



19.5374, 0.3281, 0.3413



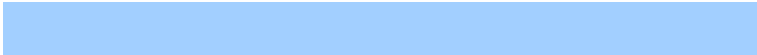
19.9724, 0.5364, 0.4123



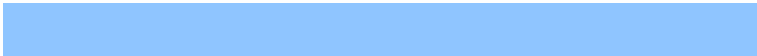
2.1635, 0.5194, 0.4258

Inverse Universe

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



59.5451, 0.2536, 0.2731



53.0227, 0.2411, 0.2592



40.7570, 0.2458, 0.2183



18.8289, 0.2979, 0.3164



11.5257, 0.1756, 0.1521



1.3398, 0.1814, 0.1731

Previews

White Background



This preview shows how the Yxy color 69.9618, 0.3833, 0.3787 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 69.9618, 0.3833, 0.3787 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 69.9618, 0.3833, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 69.9618, 0.3833, 0.3787.



This preview shows how white text looks on a background with the Yxy color 69.9618, 0.3833, 0.3787.

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

69.9618, 0.3833, 0.3787

Protanopia

70.1831, 0.3610, 0.3870

Deuteranopia

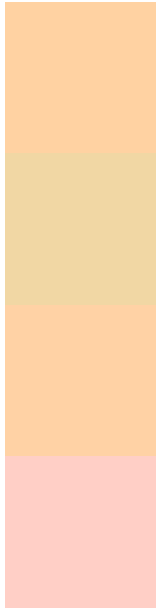
70.1432, 0.3796, 0.3736



Tritanopia

69.9846, 0.3418, 0.3159

Trichromacy



Original Color

69.9618, 0.3833, 0.3787

Protanomaly

69.9820, 0.3690, 0.3838

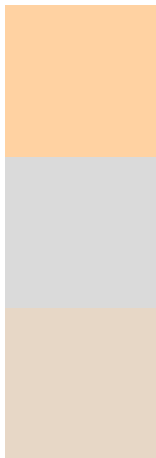
Deuteranomaly

70.0698, 0.3811, 0.3757

Tritanomaly

69.9629, 0.3567, 0.3384

Monochromacy



Original Color

69.9618, 0.3833, 0.3787

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6670, 0.3365, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9618, 0.3833, 0.3787 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, 210, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 162)  
}
```

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, 210, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 162) }
```

Border

The CSS property to change the border of an element to Yxy 69.9618, 0.3833, 0.3787 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, 210, 162) }
```

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

```
.border{ border-color:rgb(255, 210, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9618, 0.3833, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 162) }
```

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

```
.background{ background-color: rgb(255,  
210, 162) }
```

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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