

Converting Colors

$Y_{xy}(76.3034, 0.4135, 0.3784)$

Have a look what the booklet for
Yxy(76.3034, 0.4135, 0.3784)
contains.

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Color

Yxy(69.2612, 0.3882, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	FFD19C
RGB	255, 209, 156
RGB Percent	100%, 82%, 61%
CMY	0.0000, 0.1803, 0.3883
CMYK	0.00, 0.18, 0.39, 0.00
HSL	32°, 100%, 81%
HSV	32°, 39%, 100%
XYZ	70.0370, 69.2612, 41.1165
YIQ	216.7120, 44.4290, -6.7310

Conversions

Conversions Part 2

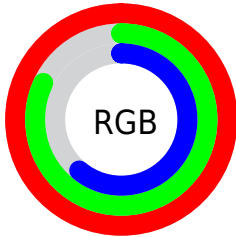
Format	Color
R _Y B	242, 255, 156
Decimal	16765340
CIE Lab	86.63, 9.23, 32.39
CIE LCh	87, 33.682, 74.099
Yxy	69.2612, 0.3882, 0.3839
Android (android.graphics.Color)	4294955420 (0xFFFFD19C)
YUV	216.7120, -29.9310, 33.5786
Hunter-Lab	83.2233, 4.5767, 28.9641

Details

The Yxy color **69.2612, 0.3882, 0.3839** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5032, 0.2493, 0.2664**, and the grayscale version is **69.3665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **36.3125, 0.4062, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **62.8931, 0.4128, 0.3976**, and if you desaturate by 10%, it is **76.2490, 0.3655, 0.3694**.

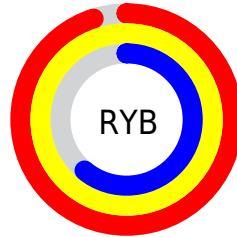
Distribution



Red (100%)

Green (82%)

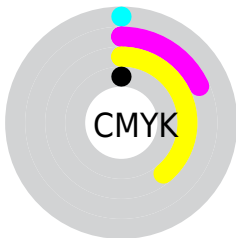
Blue (61%)



Red (95%)

Yellow (100%)

Blue (61%)

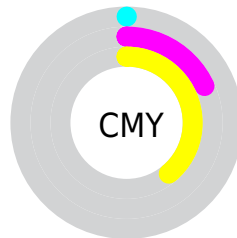


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2612, 0.3882, 0.3839 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 69.2612, 0.3882, 0.3839 by changing the saturation by 10% instead.


 69.2612, 0.3882,
0.3839

 69.2612, 0.3882,
0.3839

457.9517, 0.3531,
0.3593

 50.9245, 0.3961,
0.3892


 118.1546, 0.3760,
0.3756

 36.1485, 0.4059,
0.3955


 149.4800, 0.3713,
0.3723

 24.5489, 0.4180,
0.4031


185.9038, 0.3672,
0.3695

 15.7413, 0.4336,
0.4124

227.8103, 0.3636,
0.3669

 9.3413, 0.4538,
0.4236

275.5839, 0.3605,
0.3647

 4.9644, 0.4805,
0.4364

329.6091, 0.3577,

 2.2264, 0.5349,

0.3627

0.4651

390.2702, 0.3553,
0.3610

0.7343, 0.5577,
0.4423

0.0000, 0.0000,
0.0000

69.2612, 0.3882,
0.3839

69.2612, 0.3882,
0.3839

62.8931, 0.4128,
0.3976

76.2490, 0.3655,
0.3694

57.1142, 0.4388,
0.4095

83.8661, 0.3451,
0.3549

51.9052, 0.4651,
0.4183

92.1343, 0.3269,
0.3408

47.2418, 0.4902,
0.4229

99.9985, 0.3127,
0.3290

■ 43.0962, 0.5125,
0.4220

■ 39.4327, 0.5309,
0.4159

■ 39.0322, 0.5330,
0.4150

Harmonies

Analogous

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



69.2612, 0.3946, 0.3539



69.2612, 0.3882, 0.3839



69.2612, 0.3610, 0.4018

Triad

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



69.2612, 0.3882, 0.3839



69.2612, 0.2515, 0.3331



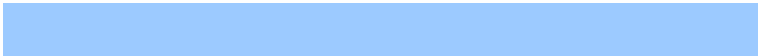
69.2612, 0.2992, 0.2696

Complementary

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



69.2612, 0.3882, 0.3839



56.5032, 0.2493, 0.2664

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.



69.2612, 0.2633, 0.2622



69.2612, 0.3882, 0.3839



69.2612, 0.2373, 0.2955

Square

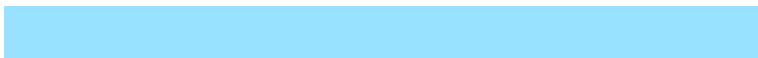
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2612, 0.3882, 0.3839



69.2612, 0.2819, 0.3726



69.2612, 0.2415, 0.2706



69.2612, 0.3412, 0.2904

Rectangle

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



69.2612, 0.3882, 0.3839



69.2612, 0.3356, 0.4025



69.2612, 0.2415, 0.2706



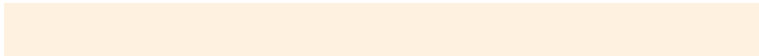
69.2612, 0.2861, 0.2655

Sweetspot

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



69.2645, 0.3882, 0.3839



89.4504, 0.3324, 0.3452



49.2988, 0.3641, 0.2813



18.9127, 0.3348, 0.3470



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.



69.2645, 0.3882, 0.3839



64.0203, 0.4082, 0.3952



94.5521, 0.3689, 0.4264



19.5986, 0.3281, 0.3417



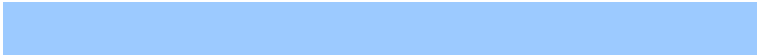
20.6987, 0.5306, 0.4169



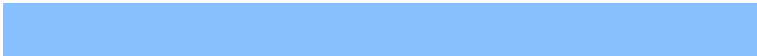
2.2341, 0.5144, 0.4297

Inverse Universe

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



56.5032, 0.2493, 0.2664



49.5590, 0.2357, 0.2504



38.3858, 0.2429, 0.2105



18.7681, 0.2979, 0.3159



10.8854, 0.1738, 0.1457



1.2759, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 69.2612, 0.3882, 0.3839 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 69.2612, 0.3882, 0.3839 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 69.2612, 0.3882, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 69.2612, 0.3882, 0.3839.



This preview shows how white text looks on a background with the Yxy color 69.2612, 0.3882, 0.3839.

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

69.2612, 0.3882, 0.3839

Protanopia

69.4525, 0.3656, 0.3926

Deuteranopia

69.4341, 0.3844, 0.3788



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.2612, 0.3882, 0.3839

Protanomaly

69.2625, 0.3736, 0.3892

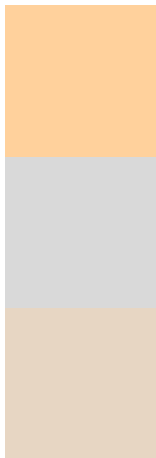
Deuteranomaly

69.3641, 0.3859, 0.3808

Tritanomaly

69.3427, 0.3592, 0.3405

Monochromacy



Original Color

69.2612, 0.3882, 0.3839

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0222, 0.3388, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2612, 0.3882, 0.3839 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, 209, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 156)  
}
```

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, 209, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 156) }
```

Border

The CSS property to change the border of an element to Yxy 69.2612, 0.3882, 0.3839 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, 209, 156) }
```

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

```
.border{ border-color:rgb(255, 209, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2612, 0.3882, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 156) }
```

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

```
.background{ background-color: rgb(255,  
209, 156) }
```

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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