

Converting Colors

Yxy(104.3854, 0.4818, 0.3643)

Have a look what the booklet for
Yxy(104.3854, 0.4818, 0.3643)
contains.

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Color

Yxy(69.2275, 0.3889, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	FFD19B
RGB	255, 209, 155
RGB Percent	100%, 82%, 61%
CMY	0.0001, 0.1803, 0.3922
CMYK	0.00, 0.18, 0.39, 0.00
HSL	32°, 100%, 80%
HSV	32°, 39%, 100%
XYZ	69.9469, 69.2275, 40.6840
YIQ	216.5980, 44.7500, -7.0420

Conversions

Conversions Part 2

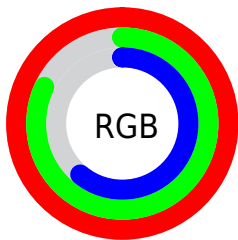
Format	Color
R _Y B	240, 255, 155
Decimal	16765339
CIE Lab	86.62, 9.11, 32.87
CIE LCh	87, 34.112, 74.517
Yxy	69.2275, 0.3889, 0.3849
Android (android.graphics.Color)	4294955419 (0xFFFFD19B)
YUV	216.5980, -30.3678, 33.6786
Hunter-Lab	83.2031, 4.4555, 29.2510

Details

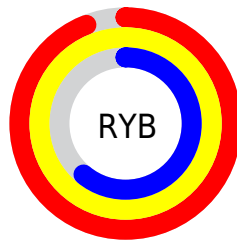
The Yxy color $69.2275, 0.3889, 0.3849$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.9321, 0.2485, 0.2651$, and the grayscale version is $69.2872, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $36.2923, 0.4071, 0.3972$ is the 20% darker color. If you saturate the color by 10%, you get $62.9217, 0.4135, 0.3987$, and if you desaturate by 10%, it is $76.1437, 0.3662, 0.3703$.

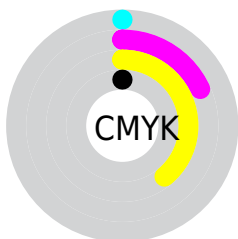
Distribution



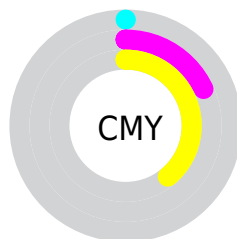
- Red (100%)
- Green (82%)
- Blue (61%)



- Red (94%)
- 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 69.2275, 0.3889, 0.3849 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 69.2275, 0.3889, 0.3849 by changing the saturation by 10% instead.

 69.2275, 0.3889,
0.3849

 69.2275, 0.3889,
0.3849


457.8329, 0.3535,
0.3599

 50.8970, 0.3969,
0.3903

 118.1065, 0.3766,
0.3765

 36.1266, 0.4067,
0.3967


 149.4237, 0.3719,
0.3731

 24.5320, 0.4190,
0.4044


185.8387, 0.3677,
0.3702

 15.7287, 0.4345,
0.4139

227.7357, 0.3641,
0.3676

 9.3324, 0.4548,
0.4252

275.4993, 0.3610,
0.3654

 4.9586, 0.4815,
0.4381

329.5138, 0.3582,

 2.2230, 0.5343,

0.3633

0.4657

390.1635, 0.3557,
0.3615

0.7325, 0.5570,
0.4430

0.0000, 0.0000,
0.0000

69.2275, 0.3889,
0.3849

69.2275, 0.3889,
0.3849

62.9217, 0.4135,
0.3987

76.1437, 0.3662,
0.3703

57.1959, 0.4393,
0.4106

83.6796, 0.3458,
0.3557

52.0312, 0.4653,
0.4194

91.8568, 0.3276,
0.3414

47.4035, 0.4901,
0.4238

99.9933, 0.3127,
0.3290

■ 43.2852, 0.5120,
0.4229

■ 39.6398, 0.5302,
0.4167

■ 39.3686, 0.5315,
0.4162

Harmonies

Analogous

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



69.2275, 0.3957, 0.3546



69.2275, 0.3889, 0.3849



69.2275, 0.3611, 0.4029

Triad

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



69.2275, 0.3889, 0.3849



69.2275, 0.2504, 0.3325



69.2275, 0.2996, 0.2691

Complementary

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



69.2275, 0.3889, 0.3849



55.9321, 0.2485, 0.2651

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.



69.2275, 0.2631, 0.2614



69.2275, 0.3889, 0.3849



69.2275, 0.2363, 0.2946

Square

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



69.2275, 0.3889, 0.3849



69.2275, 0.2810, 0.3727



69.2275, 0.2408, 0.2697



69.2275, 0.3422, 0.2903

Rectangle

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



69.2275, 0.3889, 0.3849



69.2275, 0.3353, 0.4034



69.2275, 0.2408, 0.2697



69.2275, 0.2862, 0.2649

Sweetspot

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



69.2308, 0.3889, 0.3849



89.5365, 0.3324, 0.3453



48.9428, 0.3648, 0.2809



18.9330, 0.3348, 0.3472



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.



69.2308, 0.3889, 0.3849



64.2840, 0.4079, 0.3957



94.4908, 0.3694, 0.4273



19.6134, 0.3281, 0.3419



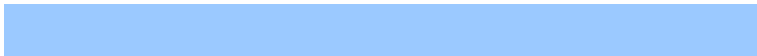
20.8797, 0.5292, 0.4180



2.2516, 0.5132, 0.4307

Inverse Universe

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



55.9321, 0.2485, 0.2651



49.3109, 0.2356, 0.2497



37.9621, 0.2421, 0.2092



18.7534, 0.2979, 0.3158



10.7352, 0.1734, 0.1441



1.2608, 0.1794, 0.1657

Previews

White Background



This preview shows how the Yxy color 69.2275, 0.3889, 0.3849 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 69.2275, 0.3889, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

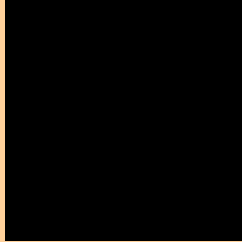
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2275, 0.3889, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 69.2275, 0.3889, 0.3849.



This preview shows how white text looks on a background with the Yxy color 69.2275, 0.3889, 0.3849.

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

69.2275, 0.3889, 0.3849

Protanopia

69.4180, 0.3663, 0.3936

Deuteranopia

69.4341, 0.3844, 0.3788



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.2275, 0.3889, 0.3849

Protanomaly

69.2282, 0.3743, 0.3902

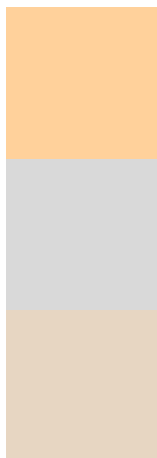
Deuteranomaly

69.3641, 0.3859, 0.3808

Tritanomaly

69.2977, 0.3600, 0.3415

Monochromacy



Original Color

69.2275, 0.3889, 0.3849

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9771, 0.3396, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2275, 0.3889, 0.3849 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 155) }
```

Border

The CSS property to change the border of an element to Yxy 69.2275, 0.3889, 0.3849 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, 155) }
```

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

```
.border{ border-color:rgb(255, 209, 155) }
```

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, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2275, 0.3889, 0.3849 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
209, 155) }
```

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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