

Converting Colors

$Yxy(69.7197, 0.3885, 0.3859)$

Have a look what the booklet for
Yxy(69.7197, 0.3885, 0.3859)
contains.

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Color

Yxy(69.7197, 0.3885, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	FFD29B
RGB	255, 210, 155
RGB Percent	100%, 82%, 61%
CMY	0.0002, 0.1764, 0.3922
CMYK	0.00, 0.18, 0.39, 0.00
HSL	33°, 100%, 80%
HSV	33°, 39%, 100%
XYZ	70.1894, 69.7197, 40.7587
YIQ	217.1850, 44.4750, -7.5650

Conversions

Conversions Part 2

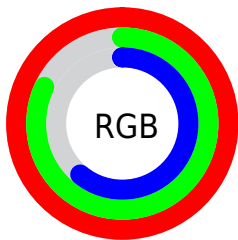
Format	Color
RYB	237, 255, 155
Decimal	16765595
CIELab	86.86, 8.58, 33.20
CIElCh	87, 34.295, 75.509
Yxy	69.7197, 0.3885, 0.3859
Android (android.graphics.Color)	4294955675 (0xFFFFD29B)
YUV	217.1850, -30.6572, 33.1638
Hunter-Lab	83.4983, 3.9266, 29.5072

Details

The Yxy color $69.7197, 0.3885, 0.3859$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.4511, 0.2483, 0.2638$, and the grayscale version is $69.7114, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $36.6265, 0.4065, 0.3985$ is the 20% darker color. If you saturate the color by 10%, you get $63.4972, 0.4128, 0.3999$, and if you desaturate by 10%, it is $76.5347, 0.3660, 0.3711$.

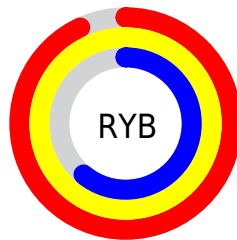
Distribution



Red (100%)

Green (82%)

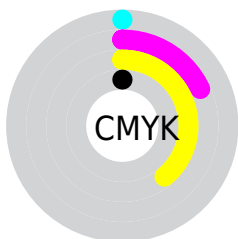
Blue (61%)



Red (93%)

Yellow (100%)

Blue (61%)

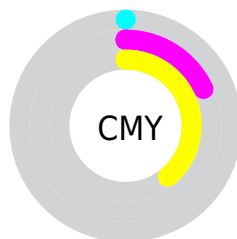


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7197, 0.3885, 0.3859 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 69.7197, 0.3885, 0.3859 by changing the saturation by 10% instead.


 69.7197, 0.3885,
0.3859

 69.7197, 0.3885,
0.3859

459.5652, 0.3533,
0.3604

 51.2981, 0.3964,
0.3914


 118.8089, 0.3763,
0.3773

 36.4459, 0.4061,
0.3979


 150.2453, 0.3716,
0.3739

 24.7787, 0.4182,
0.4058


186.7887, 0.3675,
0.3709

 15.9123, 0.4336,
0.4154

228.8236, 0.3639,
0.3683

 9.4621, 0.4535,
0.4271

276.7343, 0.3608,
0.3660

 5.0438, 0.4796,
0.4404

330.9052, 0.3580,

 2.2730, 0.5314,

0.3639

0.4686

391.7207, 0.3555,
0.3621

0.7594, 0.5517,
0.4483

0.0000, 0.0000,
0.0000

69.7197, 0.3885,
0.3859

69.7197, 0.3885,
0.3859

63.4972, 0.4128,
0.3999

76.5347, 0.3660,
0.3711

57.8376, 0.4382,
0.4120

83.9510, 0.3457,
0.3562

52.7225, 0.4638,
0.4211

91.9896, 0.3275,
0.3417

48.1284, 0.4881,
0.4257

99.9916, 0.3127,
0.3290

■ 44.0286, 0.5095,
0.4250

■ 40.3872, 0.5272,
0.4191

■ 40.1172, 0.5285,
0.4186

Harmonies

Analogous

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



69.7197, 0.3961, 0.3557



69.7197, 0.3885, 0.3859



69.7197, 0.3601, 0.4034

Triad

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



69.7197, 0.3885, 0.3859



69.7197, 0.2495, 0.3311



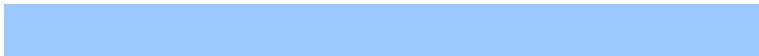
69.7197, 0.3009, 0.2695

Complementary

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



69.7197, 0.3885, 0.3859



55.4511, 0.2483, 0.2638

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.



69.7197, 0.2640, 0.2612



69.7197, 0.3885, 0.3859



69.7197, 0.2359, 0.2934

Square

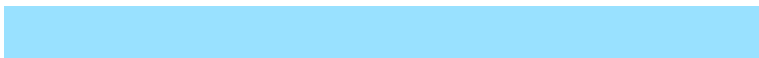
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7197, 0.3885, 0.3859



69.7197, 0.2797, 0.3716



69.7197, 0.2411, 0.2689



69.7197, 0.3436, 0.2911

Rectangle

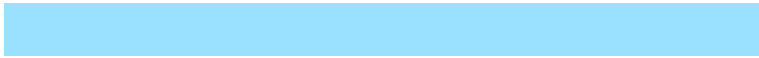
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7197, 0.3885, 0.3859



69.7197, 0.3340, 0.4033



69.7197, 0.2411, 0.2689



69.7197, 0.2874, 0.2651

Sweetspot

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



69.7230, 0.3885, 0.3859



89.7209, 0.3324, 0.3456



48.8564, 0.3664, 0.2825



18.9764, 0.3347, 0.3475



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.



69.7230, 0.3885, 0.3859



64.8508, 0.4073, 0.3969



94.1737, 0.3682, 0.4278



19.6452, 0.3280, 0.3421



21.2729, 0.5262, 0.4204



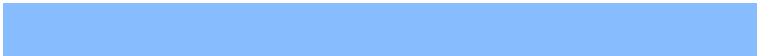
2.2896, 0.5107, 0.4327

Inverse Universe

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



55.4511, 0.2483, 0.2638



48.7841, 0.2353, 0.2481



38.1247, 0.2432, 0.2095



18.7220, 0.2979, 0.3156



10.4204, 0.1725, 0.1409



1.2290, 0.1785, 0.1626

Previews

White Background



This preview shows how the Yxy color 69.7197, 0.3885, 0.3859 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 69.7197, 0.3885, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

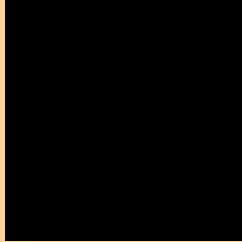
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7197, 0.3885, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 69.7197, 0.3885, 0.3859.



This preview shows how white text looks on a background with the Yxy color 69.7197, 0.3885, 0.3859.

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

69.7197, 0.3885, 0.3859

Protanopia

70.1039, 0.3667, 0.3945

Deuteranopia

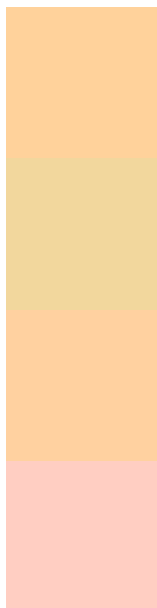
69.5053, 0.3829, 0.3767



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.7197, 0.3885, 0.3859

Protanomaly

69.9124, 0.3748, 0.3911

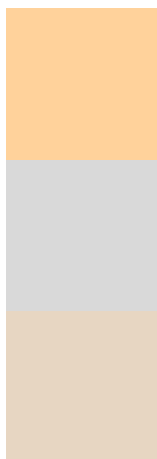
Deuteranomaly

69.3990, 0.3852, 0.3798

Tritanomaly

69.2977, 0.3600, 0.3415

Monochromacy



Original Color

69.7197, 0.3885, 0.3859

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 69.7197, 0.3885, 0.3859 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 155) }
```

Border

The CSS property to change the border of an element to Yxy 69.7197, 0.3885, 0.3859 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, 155) }
```

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

```
.border{ border-color:rgb(255, 210, 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, 210, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7197, 0.3885, 0.3859 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, 155) }
```

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

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