

Converting Colors

$Y_{xy}(65.0225, 0.3906, 0.3773)$

Have a look what the booklet for
Yxy(65.0225, 0.3906, 0.3773)
contains.

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Color

Yxy(65.0225, 0.3906, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FDC99B
RGB	253, 201, 155
RGB Percent	99%, 79%, 61%
CMY	0.0078, 0.2118, 0.3923
CMYK	0.00, 0.21, 0.39, 0.01
HSL	28°, 96%, 80%
HSV	28°, 39%, 99%
XYZ	67.3146, 65.0225, 39.9993
YIQ	211.3040, 45.7580, -3.2820

Conversions

Conversions Part 2

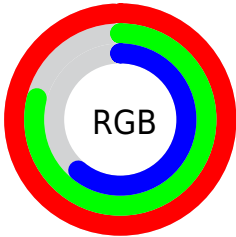
Format	Color
R _Y B	253, 242, 155
Decimal	16632219
CIE Lab	84.50, 12.51, 30.03
CIE LCh	84, 32.532, 67.376
Yxy	65.0225, 0.3906, 0.3773
Android (android.graphics.Color)	4294822299 (0xFFFDC99B)
YUV	211.3040, -27.7579, 36.5674
Hunter-Lab	80.6365, 7.8961, 27.0351

Details

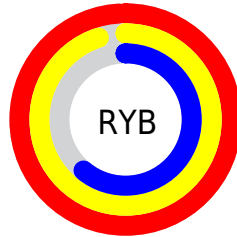
The Yxy color **65.0225, 0.3906, 0.3773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.6800, 0.2506, 0.2746**, and the grayscale version is **65.5186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **33.4488, 0.4102, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **58.2751, 0.4171, 0.3894**, and if you desaturate by 10%, it is **72.5012, 0.3667, 0.3645**.

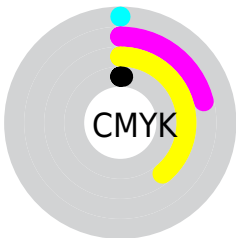
Distribution



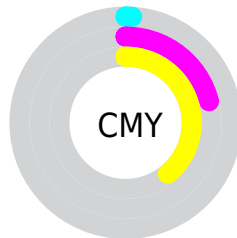
- Red (99%)
- Green (79%)
- Blue (61%)



- Red (99%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0225, 0.3906, 0.3773 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 65.0225, 0.3906, 0.3773 by changing the saturation by 10% instead.


 65.0225, 0.3906,
0.3773

 65.0225, 0.3906,
0.3773

442.8728, 0.3538,
0.3557

 47.4793, 0.3991,
0.3819


 112.0822, 0.3777,
0.3700

 33.4147, 0.4096,
0.3874


 142.3675, 0.3728,
0.3671

 22.4444, 0.4228,
0.3941


177.6690, 0.3685,
0.3646

 14.1838, 0.4399,
0.4021

218.3711, 0.3648,
0.3624

 8.2486, 0.4625,
0.4115

264.8581, 0.3615,
0.3604

 4.2544, 0.4935,
0.4219

317.5144, 0.3586,

 1.8169, 0.5553,

0.3587

0.4447

376.7246, 0.3561,
0.3571

0.4977, 0.6100,
0.3900

0.0000, 0.0000,
0.0000

65.0225, 0.3906,
0.3773

65.0225, 0.3906,
0.3773

58.2751, 0.4171,
0.3894

72.5012, 0.3667,
0.3645

52.2245, 0.4455,
0.3998

80.7255, 0.3455,
0.3517

46.8469, 0.4748,
0.4072

89.7210, 0.3269,
0.3393

42.1129, 0.5033,
0.4103

99.4329, 0.3115,
0.3287

■ 37.9898, 0.5289, 99.6265, 0.3115,
0.4081 0.3290

■ 34.4365, 0.5501,
0.4005

■ 34.0282, 0.5527,
0.3994

Harmonies

Analogous

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



65.0225, 0.3916, 0.3462



65.0225, 0.3906, 0.3773



65.0225, 0.3678, 0.3984

Triad

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



65.0225, 0.3906, 0.3773



65.0225, 0.2578, 0.3421



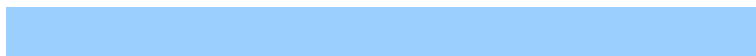
65.0225, 0.2906, 0.2674

Complementary

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



65.0225, 0.3906, 0.3773



58.6800, 0.2506, 0.2746

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.



65.0225, 0.2577, 0.2635



65.0225, 0.3906, 0.3773



65.0225, 0.2398, 0.3035

Square

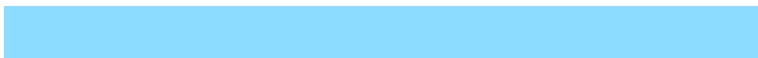
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0225, 0.3906, 0.3773



65.0225, 0.2907, 0.3794



65.0225, 0.2398, 0.2755



65.0225, 0.3316, 0.2854

Rectangle

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



65.0225, 0.3906, 0.3773



65.0225, 0.3442, 0.4024



65.0225, 0.2398, 0.2755



65.0225, 0.2783, 0.2644

Sweetspot

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



65.0256, 0.3906, 0.3773



88.2592, 0.3327, 0.3432



48.8373, 0.3576, 0.2749



18.6326, 0.3351, 0.3448



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.



65.0256, 0.3906, 0.3773



60.4559, 0.4123, 0.3874



91.4696, 0.3721, 0.4227



19.3931, 0.3282, 0.3402



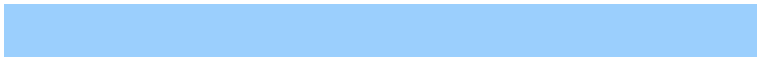
18.3845, 0.5500, 0.4015



2.0065, 0.5313, 0.4163

Inverse Universe

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



58.6800, 0.2506, 0.2746



53.1089, 0.2376, 0.2605



38.5941, 0.2415, 0.2142



18.9734, 0.2979, 0.3176



13.1710, 0.1799, 0.1677



1.5013, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 65.0225, 0.3906, 0.3773 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 65.0225, 0.3906, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

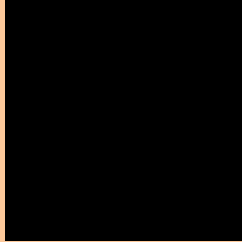
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0225, 0.3906, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 65.0225, 0.3906, 0.3773.



This preview shows how white text looks on a background with the Yxy color 65.0225, 0.3906, 0.3773.

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

65.0225, 0.3906, 0.3773

Protanopia

65.2605, 0.3618, 0.3876

Deuteranopia

64.9316, 0.3877, 0.3788



Tritanopia

64.8937, 0.3505, 0.3147

Trichromacy



Original Color

65.0225, 0.3906, 0.3773

Protanomaly

64.9271, 0.3720, 0.3829

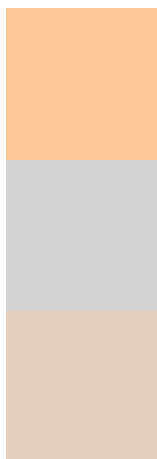
Deuteranomaly

65.1168, 0.3885, 0.3786

Tritanomaly

64.6775, 0.3654, 0.3375

Monochromacy



Original Color

65.0225, 0.3906, 0.3773

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5560, 0.3390, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0225, 0.3906, 0.3773 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(253, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 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(253, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 155) }
```

Border

The CSS property to change the border of an element to Yxy 65.0225, 0.3906, 0.3773 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(253, 201, 155) }
```

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

```
.border{ border-color:rgb(253, 201, 155) }
```

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

Here you see how a box with a 4 pixel rgb(253, 201, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0225, 0.3906, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 155) }
```

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

```
.background{ background-color: rgb(253,  
201, 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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