

Converting Colors

$Yxy(69.9954, 0.3911, 0.3991)$

Have a look what the booklet for
Yxy(69.9954, 0.3911, 0.3991)
contains.

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Color

Yxy(70.1421, 0.3913, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	FBD591
RGB	251, 213, 145
RGB Percent	98%, 84%, 57%
CMY	0.0157, 0.1647, 0.4314
CMYK	0.00, 0.15, 0.42, 0.02
HSL	39°, 93%, 78%
HSV	39°, 42%, 98%
XYZ	68.6852, 70.1421, 36.7035
YIQ	216.6100, 44.4760, -13.0920

Conversions

Conversions Part 2

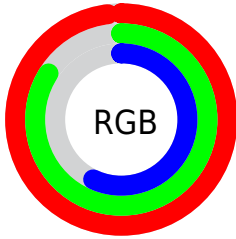
Format	Color
RYB	204, 251, 145
Decimal	16504209
CIELab	87.07, 4.44, 38.51
CIELCh	87, 38.764, 83.429
Yxy	70.1421, 0.3913, 0.3996
Android (android.graphics.Color)	4294694289 (0xFFFFBD591)
YUV	216.6100, -35.3037, 30.1600
Hunter-Lab	83.7509, -0.1739, 32.6420

Details

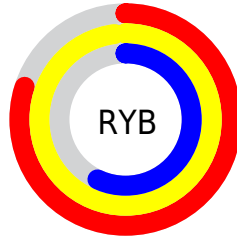
The Yxy color **70.1421, 0.3913, 0.3996** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8386, 0.2413, 0.2456**, and the grayscale version is **69.3313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **36.9240, 0.4093, 0.4155** is the 20% darker color. If you saturate the color by 10%, you get **65.0551, 0.4133, 0.4152**, and if you desaturate by 10%, it is **75.6576, 0.3702, 0.3828**.

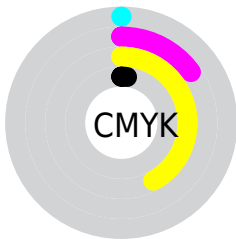
Distribution



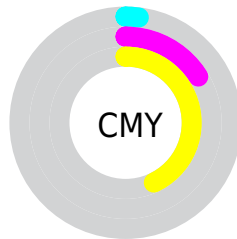
- Red (98%)
- Green (84%)
- Blue (57%)



- Red (80%)
- Yellow (98%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1421, 0.3913, 0.3996 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 70.1421, 0.3913, 0.3996 by changing the saturation by 10% instead.


 70.1421, 0.3913,
0.3996


 70.1421, 0.3913,
0.3996


461.0488, 0.3552,
0.3678

 51.6424, 0.3993,
0.4064


 119.4114, 0.3790,
0.3889

 36.7201, 0.4089,
0.4146


 150.9497, 0.3741,
0.3846

 24.9909, 0.4208,
0.4245


187.6031, 0.3699,
0.3809

 16.0702, 0.4355,
0.4365

229.7559, 0.3662,
0.3776

 9.5739, 0.4539,
0.4508

277.7924, 0.3630,
0.3747

 5.1173, 0.4786,
0.4691

332.0972, 0.3601,

 2.3163, 0.5103,

0.3722

0.4897

393.0545, 0.3575,
0.3699

■ 0.7823, 0.5213,
0.4787

■ 0.0000, 0.0000,
0.0000

■ 70.1421, 0.3913,
0.3996

■ 70.1421, 0.3913,
0.3996

■ 65.0551, 0.4133,
0.4152

■ 75.6576, 0.3702,
0.3828

■ 60.3714, 0.4354,
0.4284

■ 81.6059, 0.3505,
0.3656

■ 56.0772, 0.4565,
0.4381

■ 88.0038, 0.3324,
0.3487

■ 52.1536, 0.4756,
0.4432

■ 94.8639, 0.3161,
0.3325

■ 48.5786, 0.4916,
0.4430

■ 99.2471, 0.3102,
0.3290

■ 46.0181, 0.5019,
0.4397

Harmonies

Analogous

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



70.1421, 0.4072, 0.3680



70.1421, 0.3913, 0.3996



70.1421, 0.3544, 0.4146

Triad

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



70.1421, 0.3913, 0.3996



70.1421, 0.2359, 0.3187



70.1421, 0.3118, 0.2677

Complementary

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



70.1421, 0.3913, 0.3996



46.8386, 0.2413, 0.2456

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.



70.1421, 0.2676, 0.2541



70.1421, 0.3913, 0.3996



70.1421, 0.2264, 0.2796

Square

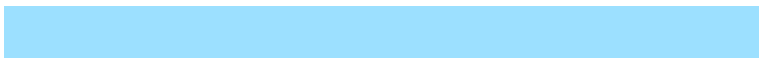
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1421, 0.3913, 0.3996



70.1421, 0.2649, 0.3658



70.1421, 0.2375, 0.2575



70.1421, 0.3596, 0.2948

Rectangle

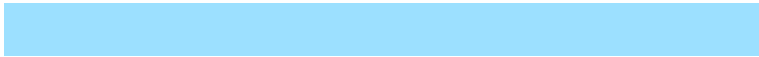
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1421, 0.3913, 0.3996



70.1421, 0.3238, 0.4101



70.1421, 0.2375, 0.2575



70.1421, 0.2960, 0.2615

Sweetspot

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



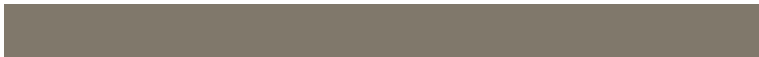
70.1454, 0.3913, 0.3996



90.7005, 0.3338, 0.3500



44.2108, 0.3814, 0.2881



19.0930, 0.3376, 0.3537



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.



70.1454, 0.3913, 0.3996



68.0483, 0.4107, 0.4134



89.0109, 0.3659, 0.4373



19.0833, 0.3278, 0.3442



24.4771, 0.5002, 0.4410



2.4675, 0.4880, 0.4507

Inverse Universe

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



46.8386, 0.2413, 0.2456



40.9088, 0.2257, 0.2243



34.5972, 0.2431, 0.2009



17.6608, 0.2979, 0.3133



7.7483, 0.1651, 0.1142



0.9101, 0.1716, 0.1378

Previews

White Background



This preview shows how the Yxy color 70.1421, 0.3913, 0.3996 looks on a white background.

Color Contrast Check

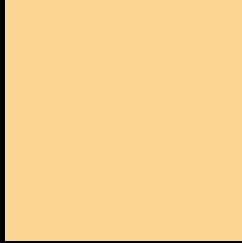
Large Text (above 18pt) WCAG AA × Fail

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 70.1421, 0.3913, 0.3996 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 70.1421, 0.3913, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 70.1421, 0.3913, 0.3996.



This preview shows how white text looks on a background with the Yxy color 70.1421, 0.3913, 0.3996.

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

70.1421, 0.3913, 0.3996

Protanopia

70.0823, 0.3759, 0.4058

Deuteranopia

69.9264, 0.3841, 0.3798



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

70.1421, 0.3913, 0.3996

Protanomaly

69.8878, 0.3814, 0.4037

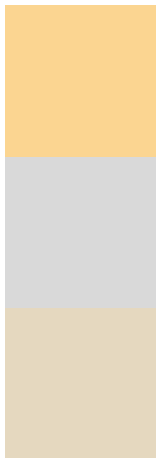
Deuteranomaly

70.0259, 0.3873, 0.3870

Tritanomaly

69.9884, 0.3603, 0.3457

Monochromacy



Original Color

70.1421, 0.3913, 0.3996

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5313, 0.3398, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1421, 0.3913, 0.3996 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(251, 213, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 145)  
}
```

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(251, 213, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 145) }
```

Border

The CSS property to change the border of an element to Yxy 70.1421, 0.3913, 0.3996 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(251, 213, 145) }
```

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

```
.border{ border-color:rgb(251, 213, 145) }
```

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

Here you see how a box with a 4 pixel rgb(251, 213, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1421, 0.3913, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 145) }
```

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

```
.background{ background-color: rgb(251,  
213, 145) }
```

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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