

Converting Colors

$Yxy(70.2388, 0.3749, 0.3954)$

Have a look what the booklet for
Yxy(70.2388, 0.3749, 0.3954)
contains.

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Color

Yxy(69.9701, 0.3750, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	F0D89A
RGB	240, 216, 154
RGB Percent	94%, 85%, 60%
CMY	0.0588, 0.1529, 0.3961
CMYK	0.00, 0.10, 0.36, 0.06
HSL	43°, 74%, 77%
HSV	43°, 36%, 94%
XYZ	66.3266, 69.9701, 40.5742
YIQ	216.1080, 34.2060, -14.1940

Conversions

Conversions Part 2

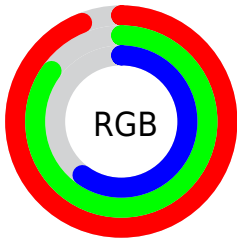
Format	Color
R _Y B	187, 240, 154
Decimal	15784090
CIE Lab	86.98, -0.40, 33.63
CIE LCh	87, 33.636, 90.675
Yxy	69.9701, 0.3750, 0.3956
Android (android.graphics.Color)	4293974170 (0xFFF0D89A)
YUV	216.1080, -30.6192, 20.9533
Hunter-Lab	83.6481, -4.8474, 29.7946

Details

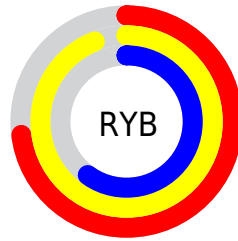
The Yxy color **69.9701, 0.3750, 0.3956** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0010, 0.2516, 0.2518**, and the grayscale version is **68.9441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **36.5163, 0.3897, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **65.8887, 0.3946, 0.4137**, and if you desaturate by 10%, it is **74.3578, 0.3560, 0.3767**.

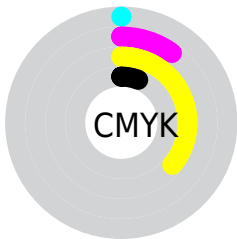
Distribution



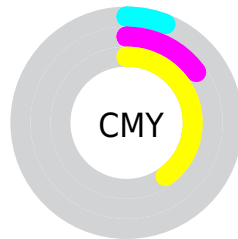
- Red (94%)
- Green (85%)
- Blue (60%)



- Red (73%)
- Yellow (94%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9701, 0.3750, 0.3956 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 69.9701, 0.3750, 0.3956 by changing the saturation by 10% instead.


 69.9701, 0.3750,
0.3956

 69.9701, 0.3750,
0.3956


460.4450, 0.3464,
0.3650

 51.5022, 0.3814,
0.4024


 119.1661, 0.3652,
0.3851

 36.6084, 0.3891,
0.4107


 150.6630, 0.3613,
0.3810

 24.9044, 0.3987,
0.4210


187.2716, 0.3580,
0.3774

 16.0059, 0.4107,
0.4339

229.3764, 0.3551,
0.3743

 9.5283, 0.4259,
0.4504

277.3617, 0.3525,
0.3715

 5.0874, 0.4452,
0.4714

331.6120, 0.3502,

 2.2986, 0.4852,

0.3691

0.5148

392.5116, 0.3482,
0.3669

0.7730, 0.4840,
0.5160

0.0000, 0.0000,
0.0000

69.9701, 0.3750,
0.3956

69.9701, 0.3750,
0.3956

65.8887, 0.3946,
0.4137

74.3578, 0.3560,
0.3767

62.0928, 0.4143,
0.4301

79.0525, 0.3382,
0.3577

58.5732, 0.4331,
0.4437

84.0672, 0.3217,
0.3394

55.3162, 0.4502,
0.4533

89.4111, 0.3066,
0.3219

■ 52.3062, 0.4647,
0.4581

■ 93.8086, 0.3036,
0.3236

■ 49.5240, 0.4761,
0.4580

■ 97.2680, 0.3035,
0.3290

■ 48.4229, 0.4802,
0.4569

Harmonies

Analogous

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



69.9701, 0.3936, 0.3712



69.9701, 0.3750, 0.3956



69.9701, 0.3401, 0.4027

Triad

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



69.9701, 0.3750, 0.3956



69.9701, 0.2417, 0.3113



69.9701, 0.3223, 0.2799

Complementary

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



69.9701, 0.3750, 0.3956



45.0010, 0.2516, 0.2518

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.



69.9701, 0.2819, 0.2647



69.9701, 0.3750, 0.3956



69.9701, 0.2376, 0.2800

Square

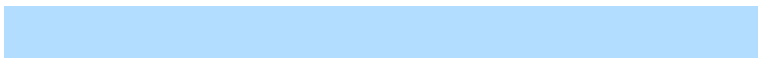
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9701, 0.3750, 0.3956



69.9701, 0.2636, 0.3513



69.9701, 0.2518, 0.2642



69.9701, 0.3624, 0.3063

Rectangle

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



69.9701, 0.3750, 0.3956



69.9701, 0.3128, 0.3945



69.9701, 0.2518, 0.2642



69.9701, 0.3083, 0.2734

Sweetspot

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



69.9733, 0.3750, 0.3956



93.4291, 0.3301, 0.3488



44.8631, 0.3743, 0.3022



19.8311, 0.3323, 0.3513



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.



69.9733, 0.3750, 0.3956



76.8382, 0.3893, 0.4090



80.0931, 0.3532, 0.4226



17.6696, 0.3275, 0.3459



26.7392, 0.4790, 0.4579



2.3911, 0.4693, 0.4656

Inverse Universe

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



45.0010, 0.2516, 0.2518



44.3052, 0.2380, 0.2327



38.2400, 0.2611, 0.2247



15.9470, 0.2980, 0.3115



5.8333, 0.1597, 0.0950



0.6471, 0.1668, 0.1204

Previews

White Background



This preview shows how the Yxy color 69.9701, 0.3750, 0.3956 looks on a white background.

Color Contrast Check

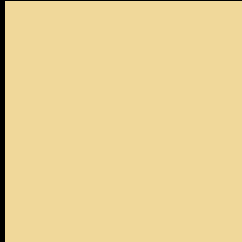
Large Text (above 18pt) WCAG AA × Fail

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 69.9701, 0.3750, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

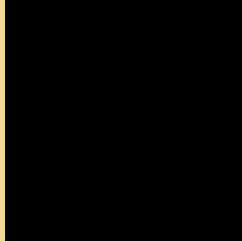
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9701, 0.3750, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 69.9701, 0.3750, 0.3956.



This preview shows how white text looks on a background with the Yxy color 69.9701, 0.3750, 0.3956.

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

69.9701, 0.3750, 0.3956

Protanopia

70.1715, 0.3696, 0.3975

Deuteranopia

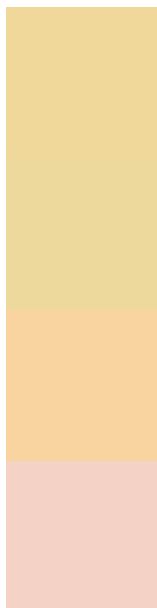
69.9975, 0.3826, 0.3777



Tritanopia

69.9098, 0.3324, 0.3126

Trichromacy



Original Color

69.9701, 0.3750, 0.3956

Protanomaly

69.9968, 0.3715, 0.3961

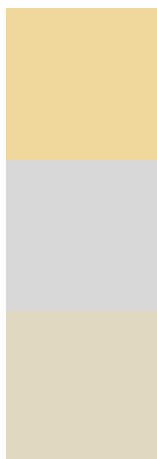
Deuteranomaly

69.9490, 0.3801, 0.3836

Tritanomaly

69.5829, 0.3482, 0.3418

Monochromacy



Original Color

69.9701, 0.3750, 0.3956

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9695, 0.3353, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9701, 0.3750, 0.3956 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(240, 216, 154)` looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 154)  
}
```

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(240, 216, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 154) }
```

Border

The CSS property to change the border of an element to Yxy 69.9701, 0.3750, 0.3956 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(240, 216, 154) }
```

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

```
.border{ border-color:rgb(240, 216, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 154);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9701, 0.3750, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 154) }
```

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

```
.background{ background-color: rgb(240,  
216, 154) }
```

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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