

# Converting Colors

$Yxy(70.4388, 0.3436, 0.3475)$

Have a look what the booklet for  
Yxy(70.4388, 0.3436, 0.3475)  
contains.

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# Color

**Yxy(70.4751, 0.3435, 0.3473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFD6C5
RGB	239, 214, 197
RGB Percent	94%, 84%, 77%
CMY	0.0630, 0.1607, 0.2275
CMYK	0.00, 0.10, 0.18, 0.06
HSL	24°, 57%, 85%
HSV	24°, 18%, 94%
XYZ	69.7040, 70.4751, 62.7437
YIQ	219.5370, 20.3570, 0.0130

# Conversions

## Conversions Part 2

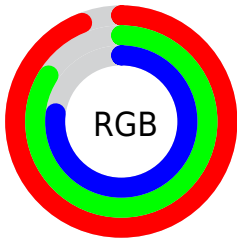
Format	Color
R <sub>Y</sub> B	239, 226, 197
Decimal	15718085
CIE Lab	87.23, 5.94, 11.55
CIE LCh	87, 12.990, 62.778
Yxy	70.4751, 0.3435, 0.3473
Android (android.graphics.Color)	4293908165 (0xFFEFD6C5)
YUV	219.5370, -11.1107, 17.0691
Hunter-Lab	83.9494, 1.2986, 14.4513

# Details

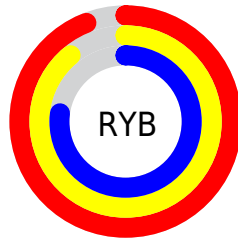
The Yxy color **70.4751, 0.3435, 0.3473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2837, 0.2853, 0.3100**, and the grayscale version is **71.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **36.8467, 0.3517, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **62.5959, 0.3650, 0.3584**, and if you desaturate by 10%, it is **79.1597, 0.3250, 0.3366**.

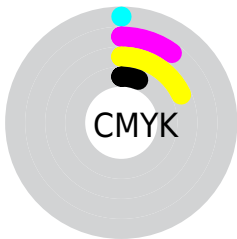
# Distribution



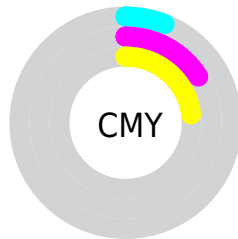
- Red (94%)
- Green (84%)
- Blue (77%)



- Red (94%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (16%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4751, 0.3435, 0.3473 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 70.4751, 0.3435, 0.3473 by changing the saturation by 10% instead.



70.4751, 0.3435,  
0.3473

70.4751, 0.3435,  
0.3473

462.2164, 0.3291,  
0.3389

51.9140, 0.3468,  
0.3492

119.8860, 0.3385,  
0.3444

36.9365, 0.3510,  
0.3515

151.5046, 0.3365,  
0.3433

25.1583, 0.3562,  
0.3544

188.2444, 0.3348,  
0.3423

16.1951, 0.3632,  
0.3582

230.4899, 0.3334,  
0.3415

9.6623, 0.3727,  
0.3632

278.6255, 0.3321,  
0.3407

5.1756, 0.3866,  
0.3702

333.0355, 0.3310,

2.3507, 0.4086,

0.3401

394.1043, 0.3300,  
0.3395

0.3805

0.8003, 0.5122,  
0.4518

0.0000, 0.0000,  
0.0000

70.4751, 0.3435,  
0.3473

70.4751, 0.3435,  
0.3473

62.5959, 0.3650,  
0.3584

79.1597, 0.3250,  
0.3366

55.4887, 0.3897,  
0.3696

88.6631, 0.3091,  
0.3266

49.1312, 0.4175,  
0.3802

97.0798, 0.3029,  
0.3290

43.4966, 0.4480,  
0.3893

■ 38.5561, 0.4801,  
0.3958

■ 34.2786, 0.5119,  
0.3982

■ 30.6298, 0.5411,  
0.3955

■ 27.5695, 0.5652,  
0.3875

■ 26.9016, 0.5706,  
0.3851

# Harmonies

## Analogous

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



70.4751, 0.3422, 0.3348



70.4751, 0.3435, 0.3473



70.4751, 0.3363, 0.3554

# Triad

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



70.4751, 0.3435, 0.3473



70.4751, 0.2928, 0.3367



70.4751, 0.3021, 0.3032

# Complementary

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



70.4751, 0.3435, 0.3473



70.2837, 0.2853, 0.3100

# 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.



70.4751, 0.2893, 0.3031



70.4751, 0.3435, 0.3473



70.4751, 0.2841, 0.3220

# Square

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



70.4751, 0.3435, 0.3473



70.4751, 0.3069, 0.3494



70.4751, 0.2828, 0.3098



70.4751, 0.3180, 0.3098



# Rectangle

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



70.4751, 0.3435, 0.3473



70.4751, 0.3278, 0.3569



70.4751, 0.2828, 0.3098



70.4751, 0.2973, 0.3024

# Sweetspot

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



70.4783, 0.3435, 0.3473



94.4704, 0.3207, 0.3340



63.5487, 0.3271, 0.3024



20.0584, 0.3219, 0.3347



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

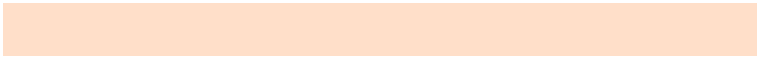


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4783, 0.3435, 0.3473



78.3829, 0.3507, 0.3512



81.6396, 0.3398, 0.3685



16.8131, 0.3283, 0.3386



15.1173, 0.5678, 0.3874



1.4481, 0.5439, 0.4063

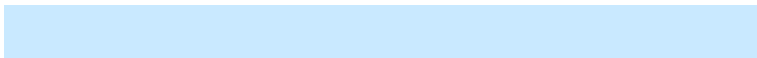


# Inverse Universe

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



70.2837, 0.2853, 0.3100



78.1170, 0.2797, 0.3057



59.9550, 0.2841, 0.2861



16.7893, 0.2980, 0.3192



14.3841, 0.1862, 0.1902

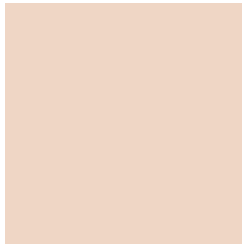


1.3915, 0.1918, 0.2103



# Previews

## White Background



This preview shows how the Yxy color 70.4751, 0.3435, 0.3473 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

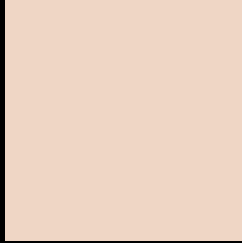
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 70.4751, 0.3435, 0.3473 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

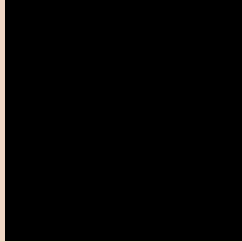
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 70.4751, 0.3435, 0.3473**

## **Background**



This preview shows how black text looks on a background with the Yxy color 70.4751, 0.3435, 0.3473.

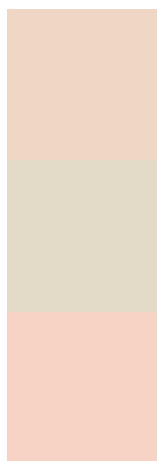


This preview shows how white text looks on a background with the Yxy color 70.4751, 0.3435, 0.3473.

# 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

70.4751, 0.3435, 0.3473

### Protanopia

70.5972, 0.3323, 0.3499

### Deuteranopia

70.4399, 0.3496, 0.3427



## Tritanopia

70.6389, 0.3262, 0.3125

# Trichromacy



## Original Color

70.4751, 0.3435, 0.3473

## Protanomaly

70.6918, 0.3362, 0.3497

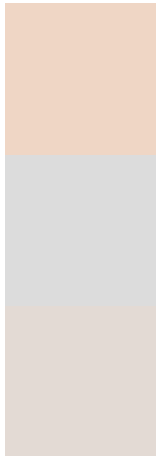
## Deuteranomaly

70.3973, 0.3470, 0.3439

## Tritanomaly

70.3721, 0.3332, 0.3249

# Monochromacy



## Original Color

70.4751, 0.3435, 0.3473

## Achromatopsia

71.5694, 0.3127, 0.3290

## Achromatomaly

71.2272, 0.3233, 0.3355

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 70.4751, 0.3435, 0.3473 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(239, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 214, 197)  
}
```

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(239, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 214, 197) }
```

## Border

The CSS property to change the border of an element to Yxy 70.4751, 0.3435, 0.3473 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(239, 214, 197) }
```

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

```
.border{ border-color:rgb(239, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 214,  
197) }
```



# Background

The CSS property to change the background color of an element to Yxy 70.4751, 0.3435, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 214, 197) }
```

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

```
.background{ background-color: rgb(239,  
214, 197) }
```

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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