

# Converting Colors

$Y_{xy}(74.6069, 0.3252, 0.3256)$

Have a look what the booklet for  
Yxy(74.6069, 0.3252, 0.3256)  
contains.

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# Color

**Yxy(74.5160, 0.3252, 0.3249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DBDF
RGB	240, 219, 223
RGB Percent	94%, 86%, 87%
CMY	0.0588, 0.1412, 0.1256
CMYK	0.00, 0.09, 0.07, 0.06
HSL	349°, 41%, 90%
HSV	349°, 9%, 94%
XYZ	74.5848, 74.5160, 80.2498
YIQ	225.7350, 11.2320, 5.6960

# Conversions

## Conversions Part 2

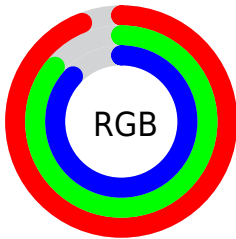
Format	Color
R <sub>Y</sub> B	240, 219, 223
Decimal	15784927
CIE Lab	89.17, 7.88, 0.66
CIE LCh	89, 7.911, 4.801
Yxy	74.5160, 0.3252, 0.3249
Android (android.graphics.Color)	4293975007 (0xFFFF0DBDF)
YUV	225.7350, -1.3484, 12.5104
Hunter-Lab	86.3227, 3.1636, 5.3070

# Details

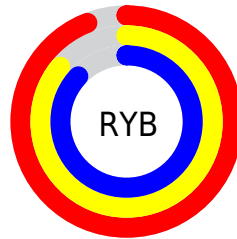
The Yxy color **74.5160, 0.3252, 0.3249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.4422, 0.3015, 0.3331**, and the grayscale version is **75.8574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5684, 0.3281, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **61.8959, 0.3427, 0.3199**, and if you desaturate by 10%, it is **89.0687, 0.3111, 0.3296**.

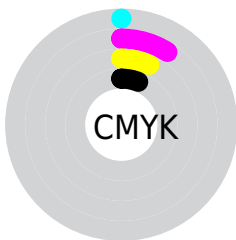
# Distribution



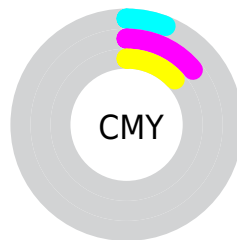
- Red (94%)
- Green (86%)
- Blue (87%)



- Red (94%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5160, 0.3252, 0.3249 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 74.5160, 0.3252, 0.3249 by changing the saturation by 10% instead.




 74.5160, 0.3252,  
0.3249

 74.5160, 0.3252,  
0.3249


476.2524, 0.3194,  
0.3268

 55.2165, 0.3265,  
0.3245

125.6270, 0.3232,  
0.3256

 39.5751, 0.3281,  
0.3239


158.2073, 0.3224,  
0.3258

 27.2074, 0.3302,  
0.3232


195.9832, 0.3218,  
0.3260

 17.7290, 0.3329,  
0.3223

239.3393, 0.3212,  
0.3262

 10.7556, 0.3366,  
0.3211

288.6598, 0.3207,  
0.3264

 5.9028, 0.3419,  
0.3193

344.3293, 0.3202,

 2.7860, 0.3502,

0.3266

0.3164

406.7320, 0.3198,  
0.3267

■ 1.0211, 0.3651,  
0.3112

■ 0.0000, 1.0000,  
0.0000

■ 74.5160, 0.3252,  
0.3249

■ 74.5160, 0.3252,  
0.3249

■ 61.8959, 0.3427,  
0.3199

■ 89.0687, 0.3111,  
0.3296

■ 51.1175, 0.3643,  
0.3147

■ 97.2662, 0.3035,  
0.3290

■ 42.0975, 0.3908,  
0.3096

■ 34.7422, 0.4227,  
0.3050

■ 28.9491, 0.4599,  
0.3016

■ 24.6043, 0.5011,  
0.3002

■ 21.5786, 0.5431,  
0.3018

■ 19.7193, 0.5812,  
0.3068

■ 18.8036, 0.6105,  
0.3145

# Harmonies

## Analogous

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



74.5160, 0.3166, 0.3178



74.5160, 0.3252, 0.3249



74.5160, 0.3305, 0.3332

# Triad

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



74.5160, 0.3252, 0.3249



74.5160, 0.3182, 0.3450



74.5160, 0.2948, 0.3172

# Complementary

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



74.5160, 0.3252, 0.3249



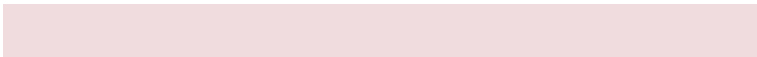
83.4422, 0.3015, 0.3331

# 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.



74.5160, 0.2953, 0.3244



74.5160, 0.3252, 0.3249



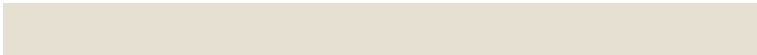
74.5160, 0.3087, 0.3407

# Square

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



74.5160, 0.3252, 0.3249



74.5160, 0.3264, 0.3449



74.5160, 0.3003, 0.3331



74.5160, 0.2991, 0.3133



# Rectangle

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



74.5160, 0.3252, 0.3249



74.5160, 0.3313, 0.3383



74.5160, 0.3003, 0.3331



74.5160, 0.2944, 0.3193

# Sweetspot

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



74.5193, 0.3252, 0.3249



94.8228, 0.3167, 0.3276



74.7575, 0.3108, 0.3073



20.0072, 0.3179, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

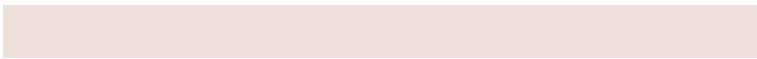
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5193, 0.3252, 0.3249



83.5351, 0.3272, 0.3243



77.6570, 0.3273, 0.3356



15.8077, 0.3263, 0.3246



10.2609, 0.6102, 0.3135

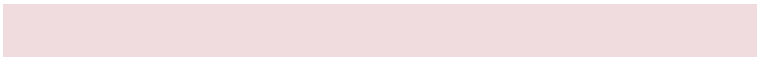


0.8669, 0.5755, 0.2944

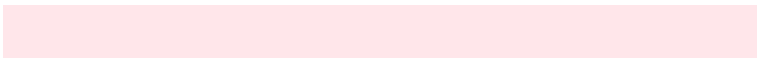


# Inverse Universe

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



74.5193, 0.3252, 0.3249



83.5351, 0.3272, 0.3243



80.0308, 0.2992, 0.3223



15.8077, 0.3263, 0.3246



10.2609, 0.6102, 0.3135

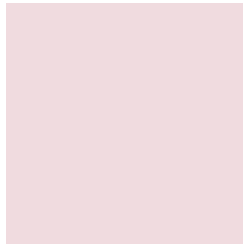


0.8669, 0.5755, 0.2944



# Previews

## White Background



This preview shows how the Yxy color 74.5160, 0.3252, 0.3249 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

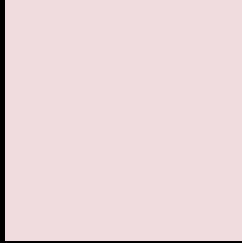
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.5160, 0.3252, 0.3249 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

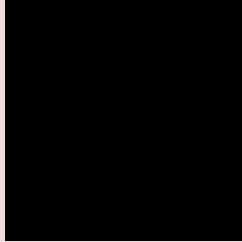
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

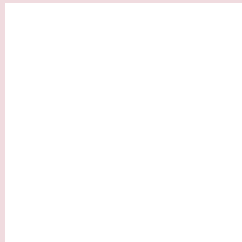
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.5160, 0.3252, 0.3249**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.5160, 0.3252, 0.3249.



This preview shows how white text looks on a background with the Yxy color 74.5160, 0.3252, 0.3249.

# 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

74.5160, 0.3252, 0.3249

### Protanopia

74.7056, 0.3149, 0.3269

### Deuteranopia

74.5463, 0.3298, 0.3229



## Tritanopia

74.4435, 0.3193, 0.3116

# Trichromacy



## Original Color

74.5160, 0.3252, 0.3249

## Protanomaly

74.7802, 0.3185, 0.3269

## Deuteranomaly

74.7036, 0.3282, 0.3239

## Tritanomaly

74.5568, 0.3212, 0.3167

# Monochromacy



## Original Color

74.5160, 0.3252, 0.3249

## Achromatopsia

76.0525, 0.3127, 0.3290

## Achromatomaly

75.2005, 0.3170, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.5160, 0.3252, 0.3249 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, 219, 223)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 223)  
}
```

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, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 74.5160, 0.3252, 0.3249 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, 219, 223) }
```

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

```
.border{ border-color:rgb(240, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
223) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.5160, 0.3252, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 223) }
```

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

```
.background{ background-color: rgb(240,  
219, 223) }
```

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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