

# Converting Colors

Yxy(71.4439, 0.3183, 0.3371)

Have a look what the booklet for  
Yxy(71.4439, 0.3183, 0.3371)  
contains.

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# **Color**

**Yxy(71.3626, 0.3181, 0.3367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDDCD5
RGB	221, 220, 213
RGB Percent	87%, 86%, 84%
CMY	0.1333, 0.1372, 0.1647
CMYK	0.00, 0.00, 0.04, 0.13
HSL	53°, 11%, 85%
HSV	53°, 4%, 87%
XYZ	67.4204, 71.3626, 73.1642
YIQ	219.5010, 2.8430, -1.9650

# Conversions

## Conversions Part 2

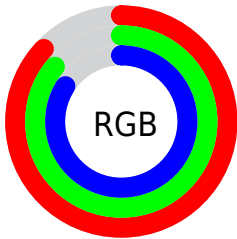
Format	Color
R <sub>Y</sub> B	214, 221, 213
Decimal	14539989
CIE Lab	87.66, -0.90, 3.55
CIE LCh	88, 3.661, 104.182
Yxy	71.3626, 0.3181, 0.3367
Android (android.graphics.Color)	4292730069 (0xFFDDDCD5)
YUV	219.5010, -3.2050, 1.3146
Hunter-Lab	84.4764, -5.3733, 7.7830

# Details

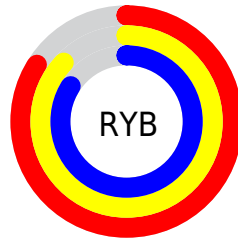
The Yxy color **71.3626, 0.3181, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4487, 0.3073, 0.3212**, and the grayscale version is **71.2268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4859, 0.3198, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **68.8948, 0.3336, 0.3586**, and if you desaturate by 10%, it is **74.0130, 0.3036, 0.3158**.

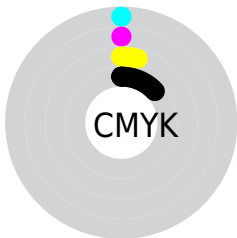
# Distribution



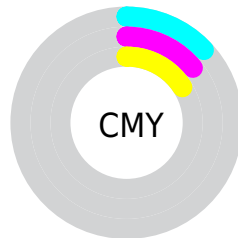
- Red (87%)
- Green (86%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3626, 0.3181, 0.3367 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 71.3626, 0.3181, 0.3367 by changing the saturation by 10% instead.



■ 71.3626, 0.3181,  
0.3367

■ 71.3626, 0.3181,  
0.3367

465.3200, 0.3156,  
0.3331

■ 52.6382, 0.3187,  
0.3375

121.1499, 0.3172,  
0.3355

■ 37.5140, 0.3194,  
0.3385

152.9815, 0.3169,  
0.3350

■ 25.6057, 0.3203,  
0.3398

189.9510, 0.3166,  
0.3346

■ 16.5289, 0.3215,  
0.3416

232.4427, 0.3164,  
0.3342

■ 9.8992, 0.3231,  
0.3439

280.8411, 0.3161,  
0.3339

■ 5.3322, 0.3255,  
0.3474

335.5305, 0.3159,

■ 2.4434, 0.3292,

0.3336

0.3529

396.8953, 0.3158,  
0.3333

0.8481, 0.3398,  
0.3675

0.0000, 0.0000,  
0.0000

71.3626, 0.3181,  
0.3367

71.3626, 0.3181,  
0.3367

68.8948, 0.3336,  
0.3586

74.0130, 0.3036,  
0.3158

66.5941, 0.3498,  
0.3810

76.7007, 0.2914,  
0.2983

64.4569, 0.3663,  
0.4033

78.1956, 0.2915,  
0.3012

62.4760, 0.3827,  
0.4246

79.7142, 0.2916,  
0.3041

60.6437, 0.3983,  
0.4440

81.2568, 0.2917,  
0.3070

58.9514, 0.4124,  
0.4606

82.8234, 0.2918,  
0.3099

57.3894, 0.4243,  
0.4733

84.4141, 0.2918,  
0.3127

55.9467, 0.4336,  
0.4817

86.0291, 0.2919,  
0.3155

54.6100, 0.4402,  
0.4856

87.6684, 0.2920,  
0.3184

# Harmonies

## Analogous

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



71.3626, 0.3208, 0.3353



71.3626, 0.3181, 0.3367



71.3626, 0.3140, 0.3360

# Triad

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



71.3626, 0.3181, 0.3367



71.3626, 0.3042, 0.3257



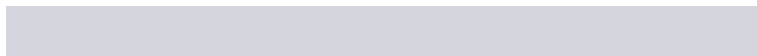
71.3626, 0.3159, 0.3246

# Complementary

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



71.3626, 0.3181, 0.3367



67.4487, 0.3073, 0.3212

# Split Complementary

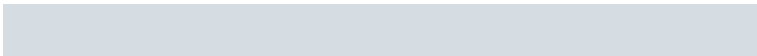
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3626, 0.3114, 0.3221



71.3626, 0.3181, 0.3367



71.3626, 0.3047, 0.3227

# Square

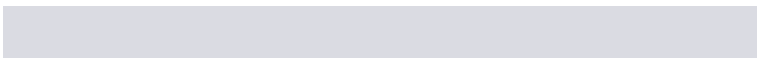
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3626, 0.3181, 0.3367



71.3626, 0.3059, 0.3297



71.3626, 0.3073, 0.3214



71.3626, 0.3196, 0.3283



# Rectangle

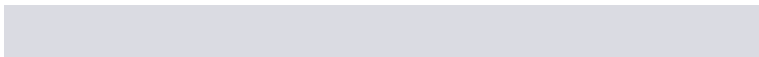
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3626, 0.3181, 0.3367



71.3626, 0.3109, 0.3345



71.3626, 0.3073, 0.3214



71.3626, 0.3145, 0.3236

# Sweetspot

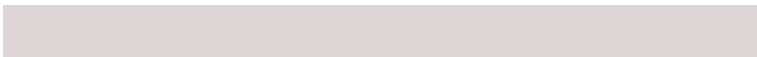
The Sweet Spot groups the original color and five complimentary colors.



71.3657, 0.3181, 0.3367



99.6357, 0.3142, 0.3311



67.8135, 0.3179, 0.3278



21.3300, 0.3141, 0.3310



0.0000, 0.0000, 0.0000

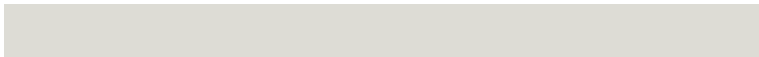


21.4041, 0.3127, 0.3290

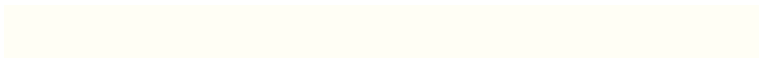


# Same Dimension

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



71.3657, 0.3181, 0.3367



98.5576, 0.3187, 0.3376



71.4306, 0.3159, 0.3378



15.2267, 0.3197, 0.3390



31.3671, 0.4428, 0.4866

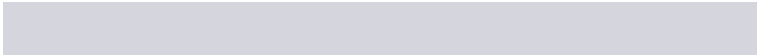


2.1109, 0.4384, 0.4901



# Inverse Universe

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



67.4487, 0.3073, 0.3212



92.5460, 0.3067, 0.3203



67.3917, 0.3094, 0.3201



14.1431, 0.3056, 0.3188



3.5860, 0.1527, 0.0697

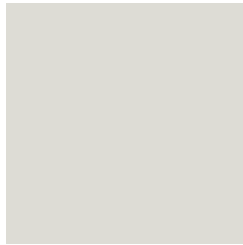


0.3198, 0.1589, 0.0919



# Previews

## White Background



This preview shows how the Yxy color 71.3626, 0.3181, 0.3367 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

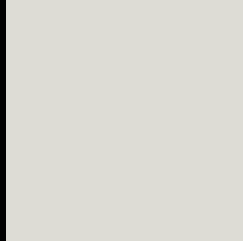
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.3626, 0.3181, 0.3367 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

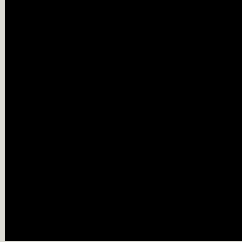
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

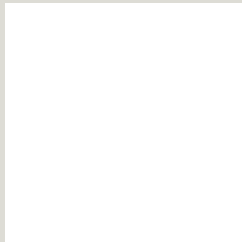
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 71.3626, 0.3181, 0.3367**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.3626, 0.3181, 0.3367.

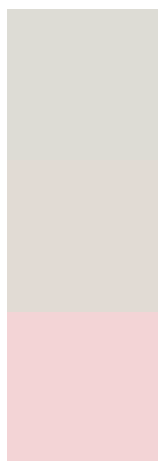


This preview shows how white text looks on a background with the Yxy color 71.3626, 0.3181, 0.3367.

# 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

71.3626, 0.3181, 0.3367

### Protanopia

71.4241, 0.3218, 0.3366

### Deuteranopia

70.9967, 0.3346, 0.3270



## Tritanopia

71.4135, 0.3065, 0.3109

# Trichromacy



## Original Color

71.3626, 0.3181, 0.3367

## Protanomaly

71.2638, 0.3210, 0.3367

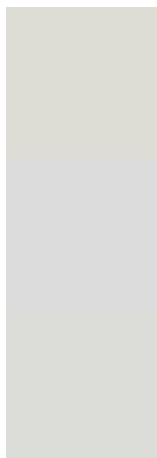
## Deuteranomaly

71.1181, 0.3282, 0.3301

## Tritanomaly

71.3218, 0.3110, 0.3204

# Monochromacy



## Original Color

71.3626, 0.3181, 0.3367

## Achromatopsia

71.5694, 0.3127, 0.3290

## Achromatomaly

71.4118, 0.3147, 0.3323

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.3626, 0.3181, 0.3367 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(221, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 213)  
}
```

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(221, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 213) }
```

## Border

The CSS property to change the border of an element to Yxy 71.3626, 0.3181, 0.3367 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(221, 220, 213) }
```

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

```
.border{ border-color:rgb(221, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
213) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.3626, 0.3181, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 213) }
```

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

```
.background{ background-color: rgb(221,  
220, 213) }
```

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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