

# Converting Colors

$Yxy(73.2073, 0.3159, 0.3406)$

Have a look what the booklet for  
Yxy(73.2073, 0.3159, 0.3406)  
contains.

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# Color

**Yxy(73.1755, 0.3164, 0.3411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE0D5
RGB	219, 224, 213
RGB Percent	86%, 88%, 84%
CMY	0.1412, 0.1215, 0.1648
CMYK	0.02, 0.00, 0.05, 0.12
HSL	87°, 15%, 86%
HSV	87°, 5%, 88%
XYZ	67.8767, 73.1755, 73.4758
YIQ	221.2510, 0.5510, -4.4810

# Conversions

## Conversions Part 2

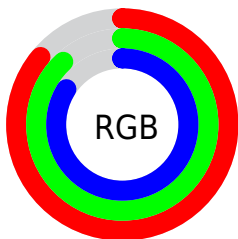
Format	Color
R <sub>Y</sub> B	213, 224, 218
Decimal	14409941
CIE Lab	88.53, -3.65, 4.80
CIE LCh	89, 6.028, 127.206
Yxy	73.1755, 0.3164, 0.3411
Android (android.graphics.Color)	4292600021 (0xFFDBE0D5)
YUV	221.2510, -4.0677, -1.9741
Hunter-Lab	85.5427, -8.0630, 8.9535

# Details

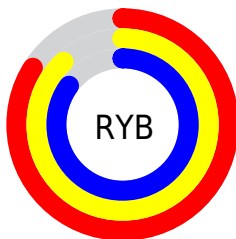
The Yxy color **73.1755, 0.3164, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8563, 0.3089, 0.3169**, and the grayscale version is **72.5216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7371, 0.3175, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **70.5916, 0.3239, 0.3672**, and if you desaturate by 10%, it is **76.0189, 0.3090, 0.3171**.

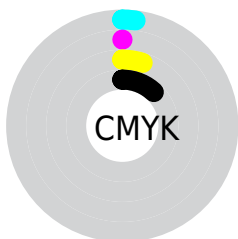
# Distribution



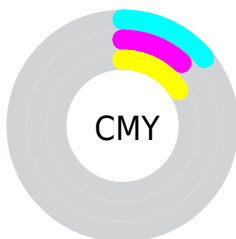
- Red (86%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1755, 0.3164, 0.3411 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 73.1755, 0.3164, 0.3411 by changing the saturation by 10% instead.



■ 73.1755, 0.3164,  
0.3411

■ 73.1755, 0.3164,  
0.3411

471.6228, 0.3147,  
0.3355

■ 54.1195, 0.3168,  
0.3424

123.7263, 0.3158,  
0.3391

■ 38.6972, 0.3172,  
0.3440

155.9899, 0.3156,  
0.3384

■ 26.5242, 0.3178,  
0.3460

193.4248, 0.3154,  
0.3377

■ 17.2162, 0.3186,  
0.3487

236.4154, 0.3152,  
0.3372

■ 10.3888, 0.3196,  
0.3524

285.3461, 0.3151,  
0.3367

■ 5.6575, 0.3211,  
0.3579

340.6014, 0.3149,

■ 2.6380, 0.3234,

0.3362

402.5655, 0.3148,  
0.3358

0.3665

0.9458, 0.3305,  
0.3865

0.0000, 0.0000,  
0.0000

73.1755, 0.3164,  
0.3411

73.1755, 0.3164,  
0.3411

70.5916, 0.3239,  
0.3672

76.0189, 0.3090,  
0.3171

68.2496, 0.3312,  
0.3951

78.9403, 0.3035,  
0.2979

66.1441, 0.3380,  
0.4242

80.7606, 0.3103,  
0.2986

64.2659, 0.3438,  
0.4536

81.7954, 0.3141,  
0.2989

■ 62.6052, 0.3482,  
0.4823

■ 61.1512, 0.3508,  
0.5087

■ 59.8920, 0.3511,  
0.5314

■ 58.8138, 0.3492,  
0.5493

■ 57.9005, 0.3450,  
0.5616

# Harmonies

## Analogous

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



73.1755, 0.3228, 0.3413



73.1755, 0.3164, 0.3411



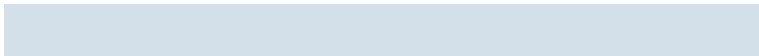
73.1755, 0.3091, 0.3375

# Triad

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



73.1755, 0.3164, 0.3411



73.1755, 0.2991, 0.3196



73.1755, 0.3227, 0.3264

# Complementary

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



73.1755, 0.3164, 0.3411



67.8563, 0.3089, 0.3169

# 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.



73.1755, 0.3163, 0.3207



73.1755, 0.3164, 0.3411



73.1755, 0.3027, 0.3168

# Square

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



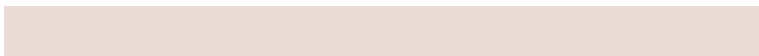
73.1755, 0.3164, 0.3411



73.1755, 0.2992, 0.3250



73.1755, 0.3089, 0.3173



73.1755, 0.3265, 0.3327



# Rectangle

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



73.1755, 0.3164, 0.3411



73.1755, 0.3047, 0.3337



73.1755, 0.3089, 0.3173



73.1755, 0.3208, 0.3243

# Sweetspot

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



73.1787, 0.3164, 0.3411



99.6183, 0.3135, 0.3314



70.7608, 0.3205, 0.3344



21.3264, 0.3134, 0.3313



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.



73.1787, 0.3164, 0.3411



97.7618, 0.3172, 0.3439



72.3421, 0.3125, 0.3412



15.8675, 0.3177, 0.3454



33.5287, 0.3434, 0.5655



2.3770, 0.3546, 0.5567



# Inverse Universe

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



67.8563, 0.3089, 0.3169



89.0715, 0.3080, 0.3141



68.7156, 0.3129, 0.3170



14.3270, 0.3075, 0.3126



4.8273, 0.1939, 0.0842

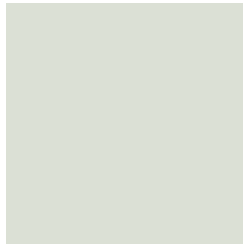


0.3873, 0.2111, 0.0937



# Previews

## White Background



This preview shows how the Yxy color 73.1755, 0.3164, 0.3411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

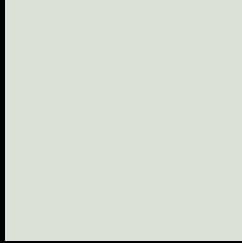
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 73.1755, 0.3164, 0.3411 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

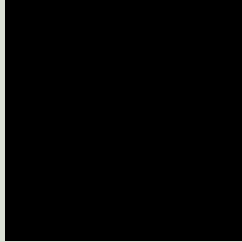
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

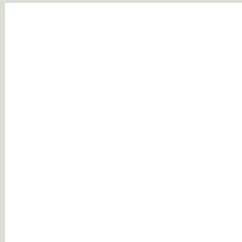
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 73.1755, 0.3164, 0.3411**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.1755, 0.3164, 0.3411.

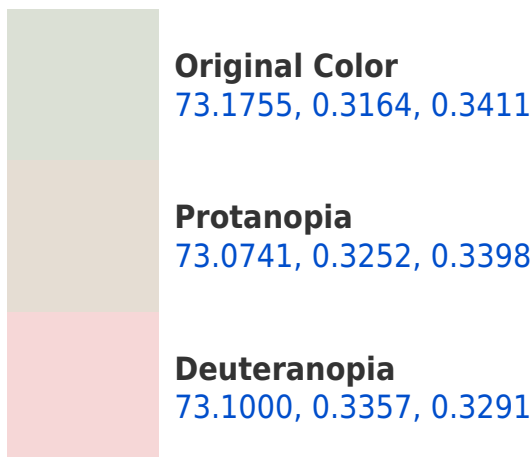


This preview shows how white text looks on a background with the Yxy color 73.1755, 0.3164, 0.3411.

# 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





## Tritanopia

73.0474, 0.3031, 0.3099

# Trichromacy



## Original Color

73.1755, 0.3164, 0.3411

## Protanomaly

73.0036, 0.3215, 0.3399

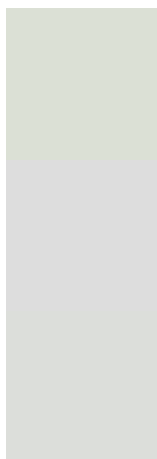
## Deuteranomaly

72.8307, 0.3286, 0.3333

## Tritanomaly

72.8996, 0.3082, 0.3204

# Monochromacy



## Original Color

73.1755, 0.3164, 0.3411

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

72.5202, 0.3139, 0.3334

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.1755, 0.3164, 0.3411 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(219, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 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(219, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 213) }
```

## Border

The CSS property to change the border of an element to Yxy 73.1755, 0.3164, 0.3411 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(219, 224, 213) }
```

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

```
.border{ border-color:rgb(219, 224, 213) }
```

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

Here you see how a box with a 4 pixel rgb(219, 224, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
213) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.1755, 0.3164, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 213) }
```

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

```
.background{ background-color: rgb(219,  
224, 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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