

Converting Colors

Yxy(73.6654, 0.3169, 0.3550)

Have a look what the booklet for
Yxy(73.6654, 0.3169, 0.3550)
contains.

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Color

Yxy(73.8435, 0.3170, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	D4E4CC
RGB	212, 228, 204
RGB Percent	83%, 89%, 80%
CMY	0.1687, 0.1058, 0.2000
CMYK	0.07, 0.00, 0.11, 0.11
HSL	100°, 31%, 85%
HSV	100°, 11%, 89%
XYZ	65.7909, 73.8435, 67.9078
YIQ	220.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

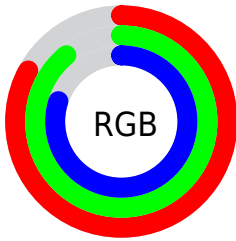
Format	Color
R_{YB}	204, 228, 220
Decimal	13952204
CIE Lab	88.85, -9.64, 9.90
CIE LCh	89, 13.814, 134.241
Yxy	73.8435, 0.3170, 0.3558
Android (android.graphics.Color)	4292142284 (0xFFD4E4CC)
YUV	220.4800, -8.1246, -7.4370
Hunter-Lab	85.9322, -13.7195, 13.2988

Details

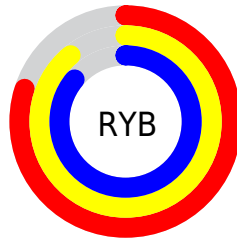
The Yxy color **73.8435, 0.3170, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0026, 0.3080, 0.3027**, and the grayscale version is **71.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2572, 0.3174, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **70.6767, 0.3209, 0.3839**, and if you desaturate by 10%, it is **77.3898, 0.3129, 0.3303**.

Distribution



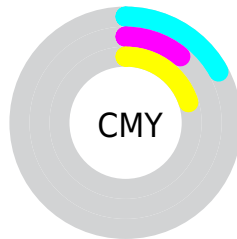
- Red (83%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8435, 0.3170, 0.3558 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 73.8435, 0.3170, 0.3558 by changing the saturation by 10% instead.

■ 73.8435, 0.3170,
0.3558

■ 73.8435, 0.3170,
0.3558

473.9331, 0.3151,
0.3432

■ 54.6660, 0.3174,
0.3587

124.6739, 0.3164,
0.3514

■ 39.1343, 0.3179,
0.3624

157.0956, 0.3161,
0.3497

■ 26.8643, 0.3185,
0.3670

194.7008, 0.3159,
0.3482

■ 17.4713, 0.3192,
0.3731

237.8739, 0.3157,
0.3470

■ 10.5711, 0.3201,
0.3816

286.9992, 0.3155,
0.3459

■ 5.7792, 0.3213,
0.3941

342.4613, 0.3154,

■ 2.7113, 0.3228,

0.3449

0.4143

404.6444, 0.3152,
0.3440

0.9829, 0.3388,
0.4787

0.0000, 0.0000,
0.0000

73.8435, 0.3170,
0.3558

73.8435, 0.3170,
0.3558

70.6767, 0.3209,
0.3839

77.3898, 0.3129,
0.3303

67.8670, 0.3244,
0.4142

81.3181, 0.3089,
0.3074

65.4040, 0.3272,
0.4461

83.9717, 0.3139,
0.3029

63.2734, 0.3289,
0.4784

■ 61.4594, 0.3294,
0.5095

■ 59.9452, 0.3283,
0.5374

■ 58.7118, 0.3255,
0.5604

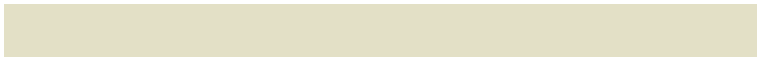
■ 57.7377, 0.3211,
0.5770

■ 57.0249, 0.3163,
0.5871

Harmonies

Analogous

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



73.8435, 0.3326, 0.3580



73.8435, 0.3170, 0.3558



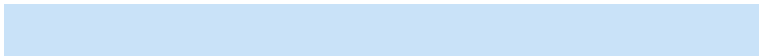
73.8435, 0.3006, 0.3458

Triad

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



73.8435, 0.3170, 0.3558



73.8435, 0.2831, 0.3054



73.8435, 0.3384, 0.3262

Complementary

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



73.8435, 0.3170, 0.3558



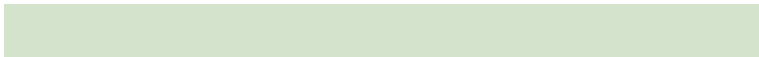
64.0026, 0.3080, 0.3027

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.



73.8435, 0.3245, 0.3130



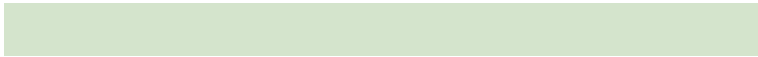
73.8435, 0.3170, 0.3558



73.8435, 0.2927, 0.3011

Square

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



73.8435, 0.3170, 0.3558



73.8435, 0.2813, 0.3163



73.8435, 0.3078, 0.3039



73.8435, 0.3452, 0.3404

Rectangle

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



73.8435, 0.3170, 0.3558



73.8435, 0.2913, 0.3363



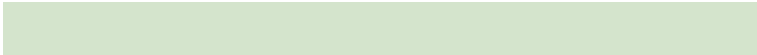
73.8435, 0.3078, 0.3039



73.8435, 0.3344, 0.3215

Sweetspot

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



73.8467, 0.3170, 0.3558



98.5620, 0.3140, 0.3364



72.0433, 0.3294, 0.3464



21.0157, 0.3143, 0.3384



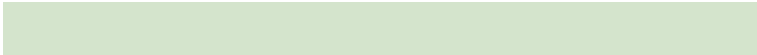
0.0000, 0.0000, 0.0000



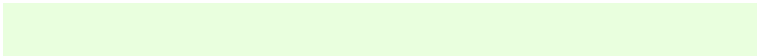
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8467, 0.3170, 0.3558



94.0907, 0.3180, 0.3627



72.8822, 0.3089, 0.3516



16.3211, 0.3166, 0.3529



32.9833, 0.3173, 0.5863



2.4867, 0.3285, 0.5774

Inverse Universe

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



64.0026, 0.3080, 0.3027



78.6092, 0.3067, 0.2961



65.0607, 0.3168, 0.3074



14.3623, 0.3085, 0.3055



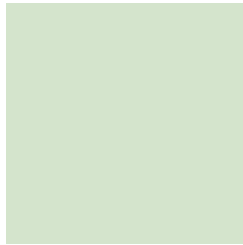
7.1610, 0.2386, 0.1088



0.5794, 0.2508, 0.1155

Previews

White Background



This preview shows how the Yxy color 73.8435, 0.3170, 0.3558 looks on a white background.

Color Contrast Check

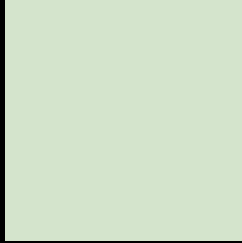
Large Text (above 18pt) WCAG AA × Fail

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 73.8435, 0.3170, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

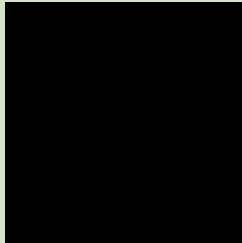
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

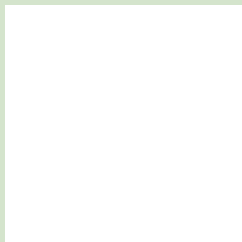
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8435, 0.3170, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 73.8435, 0.3170, 0.3558.

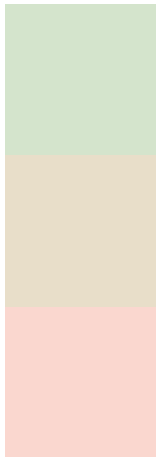


This preview shows how white text looks on a background with the Yxy color 73.8435, 0.3170, 0.3558.

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

73.8435, 0.3170, 0.3558

Protanopia

73.6154, 0.3341, 0.3517

Deuteranopia

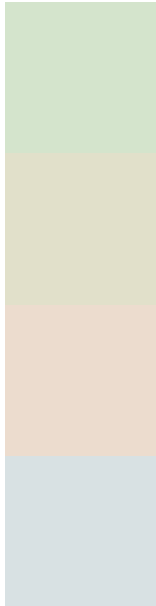
73.4299, 0.3445, 0.3373



Tritanopia

73.9720, 0.2985, 0.3108

Trichromacy



Original Color

73.8435, 0.3170, 0.3558

Protanomaly

73.5831, 0.3280, 0.3530

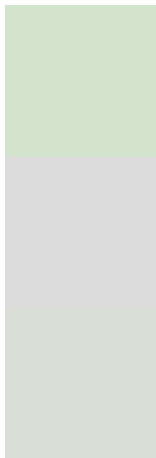
Deuteranomaly

73.4755, 0.3339, 0.3440

Tritanomaly

73.9954, 0.3052, 0.3268

Monochromacy



Original Color

73.8435, 0.3170, 0.3558

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3821, 0.3144, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8435, 0.3170, 0.3558 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(212, 228, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 204)  
}
```

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(212, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 204) }
```

Border

The CSS property to change the border of an element to Yxy 73.8435, 0.3170, 0.3558 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(212, 228, 204) }
```

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

```
.border{ border-color:rgb(212, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8435, 0.3170, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 204) }
```

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

```
.background{ background-color: rgb(212,  
228, 204) }
```

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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