

Converting Colors

$Yxy(71.5547, 0.3157, 0.3481)$

Have a look what the booklet for
Yxy(71.5547, 0.3157, 0.3481)
contains.

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Color

Yxy(71.8134, 0.3153, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	D4E0CF
RGB	212, 224, 207
RGB Percent	83%, 88%, 81%
CMY	0.1687, 0.1215, 0.1881
CMYK	0.05, 0.00, 0.08, 0.12
HSL	103°, 22%, 85%
HSV	103°, 8%, 88%
XYZ	65.0654, 71.8134, 69.4815
YIQ	218.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

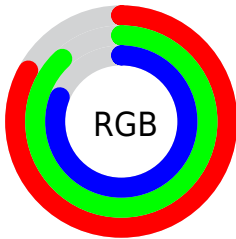
Format	Color
R _Y B	207, 224, 219
Decimal	13951183
CIE Lab	87.88, -7.09, 6.91
CIE LCh	88, 9.903, 135.715
Yxy	71.8134, 0.3153, 0.3480
Android (android.graphics.Color)	4292141263 (0xFFD4E0CF)
YUV	218.4740, -5.6567, -5.6777
Hunter-Lab	84.7428, -11.2478, 10.7074

Details

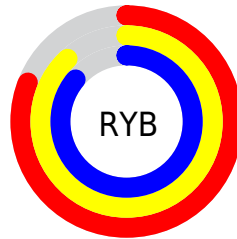
The Yxy color **71.8134, 0.3153, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0938, 0.3099, 0.3103**, and the grayscale version is **70.4958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8439, 0.3153, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **68.5517, 0.3186, 0.3755**, and if you desaturate by 10%, it is **75.4690, 0.3119, 0.3233**.

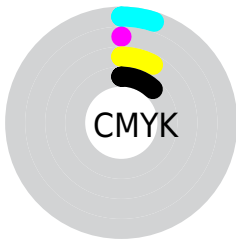
Distribution



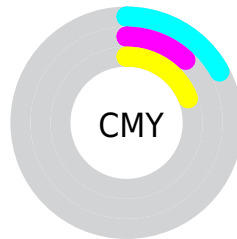
- Red (83%)
- Green (88%)
- Blue (81%)



- Red (81%)
- Yellow (88%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8134, 0.3153, 0.3480 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 71.8134, 0.3153, 0.3480 by changing the saturation by 10% instead.

■ 71.8134, 0.3153,
0.3480

■ 71.8134, 0.3153,
0.3480

466.8919, 0.3142,
0.3391

■ 53.0063, 0.3156,
0.3501

121.7912, 0.3149,
0.3449

■ 37.8078, 0.3159,
0.3527

153.7306, 0.3148,
0.3437

■ 25.8335, 0.3162,
0.3560

190.8163, 0.3146,
0.3426

■ 16.6991, 0.3167,
0.3603

233.4326, 0.3145,
0.3417

■ 10.0202, 0.3173,
0.3664

281.9639, 0.3144,
0.3410

■ 5.4124, 0.3181,
0.3753

336.7946, 0.3143,

■ 2.4912, 0.3192,

0.3403

0.3899

398.3091, 0.3142,
0.3396

0.8722, 0.3289,
0.4373

0.0000, 0.0000,
0.0000

71.8134, 0.3153,
0.3480

71.8134, 0.3153,
0.3480

68.5517, 0.3186,
0.3755

75.4690, 0.3119,
0.3233

65.6614, 0.3215,
0.4054

79.5218, 0.3085,
0.3013

63.1317, 0.3239,
0.4373

81.7976, 0.3141,
0.2990

60.9478, 0.3254,
0.4702

■ 59.0936, 0.3258,
0.5023

■ 57.5518, 0.3248,
0.5320

■ 56.3033, 0.3223,
0.5570

■ 55.3265, 0.3185,
0.5758

■ 54.5947, 0.3137,
0.5877

Harmonies

Analogous

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



71.8134, 0.3267, 0.3500



71.8134, 0.3153, 0.3480



71.8134, 0.3034, 0.3407

Triad

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



71.8134, 0.3153, 0.3480



71.8134, 0.2914, 0.3117



71.8134, 0.3316, 0.3275

Complementary

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



71.8134, 0.3153, 0.3480



65.0938, 0.3099, 0.3103

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.



71.8134, 0.3219, 0.3178



71.8134, 0.3153, 0.3480



71.8134, 0.2987, 0.3087

Square

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



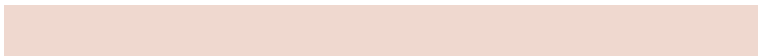
71.8134, 0.3153, 0.3480



71.8134, 0.2898, 0.3194



71.8134, 0.3098, 0.3109



71.8134, 0.3362, 0.3379

Rectangle

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



71.8134, 0.3153, 0.3480



71.8134, 0.2968, 0.3338



71.8134, 0.3098, 0.3109



71.8134, 0.3288, 0.3241

Sweetspot

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



71.8165, 0.3153, 0.3480



98.9964, 0.3134, 0.3339



70.9754, 0.3244, 0.3421



21.1998, 0.3134, 0.3337



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.



71.8165, 0.3153, 0.3480



95.6520, 0.3158, 0.3519



71.2617, 0.3096, 0.3443



15.5294, 0.3159, 0.3529



31.7395, 0.3136, 0.5892



2.2450, 0.3251, 0.5801

Inverse Universe

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



65.0938, 0.3099, 0.3103



84.9772, 0.3093, 0.3065



65.6892, 0.3160, 0.3142



13.7250, 0.3092, 0.3056



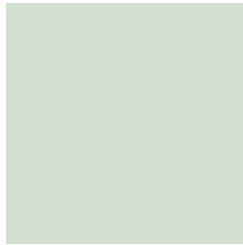
7.4755, 0.2487, 0.1144



0.5633, 0.2602, 0.1207

Previews

White Background



This preview shows how the Yxy color 71.8134, 0.3153, 0.3480 looks on a white background.

Color Contrast Check

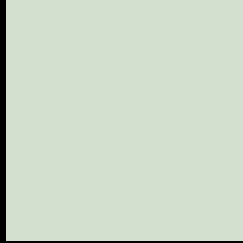
Large Text (above 18pt) WCAG AA × Fail

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 71.8134, 0.3153, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

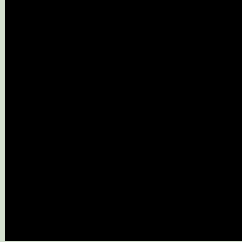
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

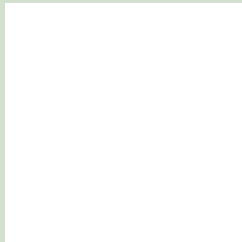
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8134, 0.3153, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 71.8134, 0.3153, 0.3480.

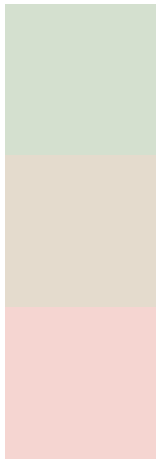


This preview shows how white text looks on a background with the Yxy color 71.8134, 0.3153, 0.3480.

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

71.8134, 0.3153, 0.3480

Protanopia

71.5648, 0.3288, 0.3443

Deuteranopia

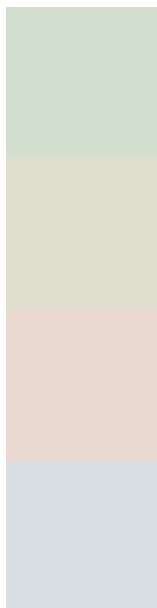
71.6044, 0.3396, 0.3333



Tritanopia

72.0525, 0.2997, 0.3107

Trichromacy



Original Color

71.8134, 0.3153, 0.3480

Protanomaly

71.6987, 0.3235, 0.3455

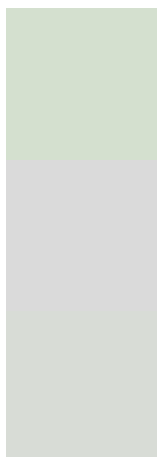
Deuteranomaly

71.5034, 0.3307, 0.3387

Tritanomaly

71.6510, 0.3053, 0.3235

Monochromacy



Original Color

71.8134, 0.3153, 0.3480

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6404, 0.3138, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8134, 0.3153, 0.3480 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, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 207)  
}
```

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, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 207) }
```

Border

The CSS property to change the border of an element to Yxy 71.8134, 0.3153, 0.3480 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, 224, 207) }
```

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

```
.border{ border-color:rgb(212, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 224, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 224, 207); box-shadow:4px 4px 4px 4px rgb(212, 224, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8134, 0.3153, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 207) }
```

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

```
.background{ background-color: rgb(212,  
224, 207) }
```

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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