

Converting Colors

$Yxy(74.7318, 0.3152, 0.3630)$

Have a look what the booklet for
Yxy(74.7318, 0.3152, 0.3630)
contains.

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Color

Yxy(74.6343, 0.3152, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	CFE7C9
RGB	207, 231, 201
RGB Percent	81%, 91%, 79%
CMY	0.1884, 0.0941, 0.2118
CMYK	0.10, 0.00, 0.13, 0.09
HSL	108°, 38%, 85%
HSV	108°, 13%, 91%
XYZ	64.8421, 74.6343, 66.2410
YIQ	220.4040, -4.6740, -14.4180

Conversions

Conversions Part 2

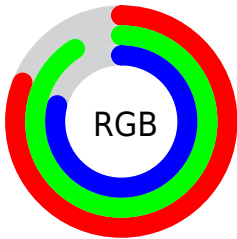
Format	Color
R_{YB}	201, 231, 225
Decimal	13625289
CIE Lab	89.22, -13.38, 11.95
CIE LCh	89, 17.940, 138.237
Yxy	74.6343, 0.3152, 0.3628
Android (android.graphics.Color)	4291815369 (0xFFCFE7C9)
YUV	220.4040, -9.5662, -11.7553
Hunter-Lab	86.3911, -17.2087, 15.0128

Details

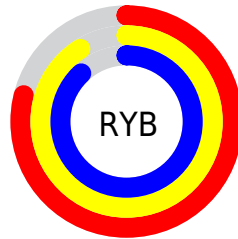
The Yxy color **74.6343, 0.3152, 0.3628** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5549, 0.3097, 0.2966**, and the grayscale version is **71.9352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5388, 0.3161, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **71.1201, 0.3169, 0.3922**, and if you desaturate by 10%, it is **78.6308, 0.3133, 0.3363**.

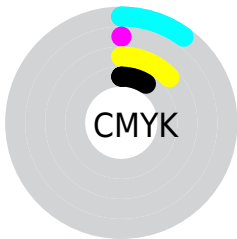
Distribution



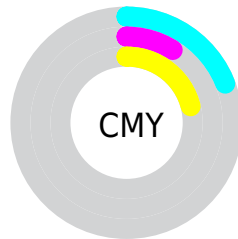
- Red (81%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)




- Cyan (19%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6343, 0.3152, 0.3628 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 74.6343, 0.3152, 0.3628 by changing the saturation by 10% instead.

 74.6343, 0.3152,
0.3628

 74.6343, 0.3152,
0.3628


476.6597, 0.3142,
0.3469

 55.3133, 0.3154,
0.3665

125.7946, 0.3149,
0.3572

 39.6527, 0.3156,
0.3711


158.4027, 0.3148,
0.3551

 27.2678, 0.3158,
0.3770


196.2086, 0.3147,
0.3532

 17.7745, 0.3160,
0.3849

239.5968, 0.3146,
0.3516

 10.7882, 0.3162,
0.3957

288.9516, 0.3145,
0.3502

 5.9246, 0.3161,
0.4117

344.6574, 0.3144,

 2.7993, 0.3154,

0.3490

0.4377

407.0986, 0.3143,
0.3479

■ 1.0279, 0.3305,
0.5277

■ 0.0000, 0.0000,
0.0000

■ 74.6343, 0.3152,
0.3628

■ 74.6343, 0.3152,
0.3628

■ 71.1201, 0.3169,
0.3922

■ 78.6308, 0.3133,
0.3363

■ 68.0606, 0.3181,
0.4241

■ 83.1171, 0.3113,
0.3129

■ 65.4399, 0.3188,
0.4578

■ 85.6405, 0.3138,
0.3058

■ 63.2373, 0.3186,
0.4917

■ 61.4305, 0.3176,
0.5239

■ 59.9953, 0.3155,
0.5521

■ 58.9041, 0.3124,
0.5743

■ 58.1256, 0.3087,
0.5889

■ 57.7402, 0.3062,
0.5951

Harmonies

Analogous

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



74.6343, 0.3359, 0.3669



74.6343, 0.3152, 0.3628



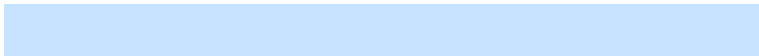
74.6343, 0.2943, 0.3486

Triad

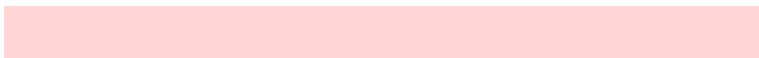
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6343, 0.3152, 0.3628



74.6343, 0.2757, 0.2972



74.6343, 0.3478, 0.3276

Complementary

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



74.6343, 0.3152, 0.3628



63.5549, 0.3097, 0.2966

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.



74.6343, 0.3307, 0.3104



74.6343, 0.3152, 0.3628



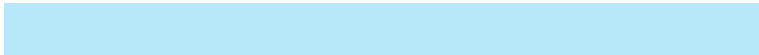
74.6343, 0.2891, 0.2931

Square

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



74.6343, 0.3152, 0.3628



74.6343, 0.2720, 0.3100



74.6343, 0.3091, 0.2980



74.6343, 0.3552, 0.3457

Rectangle

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



74.6343, 0.3152, 0.3628



74.6343, 0.2830, 0.3357



74.6343, 0.3091, 0.2980



74.6343, 0.3430, 0.3216

Sweetspot

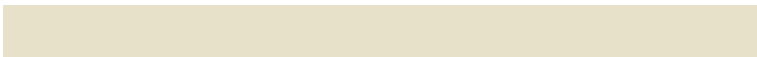
The Sweet Spot groups the original color and five complimentary colors.



74.6375, 0.3152, 0.3628



97.8434, 0.3135, 0.3389



75.0646, 0.3330, 0.3549



20.8581, 0.3137, 0.3408



0.0000, 0.0000, 0.0000



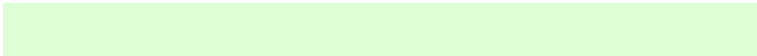
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6375, 0.3152, 0.3628



91.9647, 0.3157, 0.3716



74.2302, 0.3055, 0.3527



16.2265, 0.3145, 0.3531



32.4063, 0.3069, 0.5945



2.4331, 0.3163, 0.5871

Inverse Universe

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



63.5549, 0.3097, 0.2966



75.1677, 0.3089, 0.2885



64.0358, 0.3207, 0.3064



14.4629, 0.3106, 0.3056



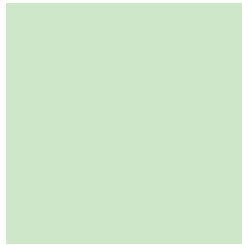
9.0738, 0.2711, 0.1267



0.7075, 0.2788, 0.1309

Previews

White Background



This preview shows how the Yxy color 74.6343, 0.3152, 0.3628 looks on a white background.

Color Contrast Check

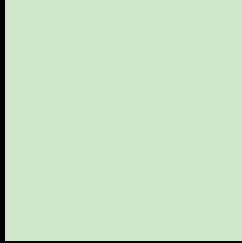
Large Text (above 18pt) WCAG AA × Fail

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 74.6343, 0.3152, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

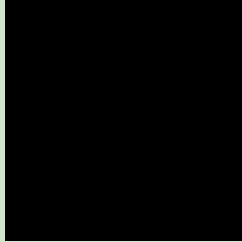
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

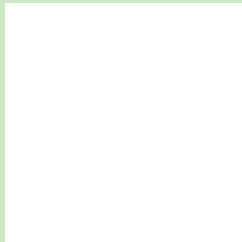
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6343, 0.3152, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 74.6343, 0.3152, 0.3628.

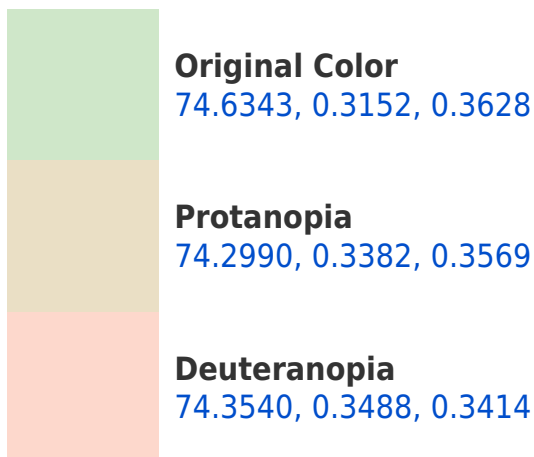


This preview shows how white text looks on a background with the Yxy color 74.6343, 0.3152, 0.3628.

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

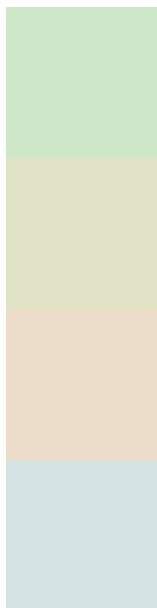




Tritanopia

74.6176, 0.2940, 0.3097

Trichromacy



Original Color

74.6343, 0.3152, 0.3628

Protanomaly

74.3172, 0.3297, 0.3597

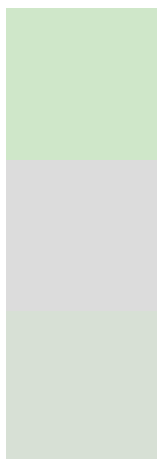
Deuteranomaly

73.8576, 0.3358, 0.3482

Tritanomaly

74.3885, 0.3012, 0.3279

Monochromacy



Original Color

74.6343, 0.3152, 0.3628

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5625, 0.3135, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6343, 0.3152, 0.3628 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(207, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 201)  
}
```

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(207, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 201) }
```

Border

The CSS property to change the border of an element to Yxy 74.6343, 0.3152, 0.3628 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(207, 231, 201) }
```

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

```
.border{ border-color:rgb(207, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6343, 0.3152, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 201) }
```

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

```
.background{ background-color: rgb(207,  
231, 201) }
```

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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