

Converting Colors

$Yxy(74.1641, 0.3141, 0.3605)$

Have a look what the booklet for
Yxy(74.1641, 0.3141, 0.3605)
contains.

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Color

Yxy(73.9797, 0.3140, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	CEE6CA
RGB	206, 230, 202
RGB Percent	81%, 90%, 79%
CMY	0.1920, 0.0981, 0.2079
CMYK	0.10, 0.00, 0.12, 0.10
HSL	111°, 36%, 85%
HSV	111°, 12%, 90%
XYZ	64.4194, 73.9797, 66.7582
YIQ	219.6320, -5.3160, -13.7960

Conversions

Conversions Part 2

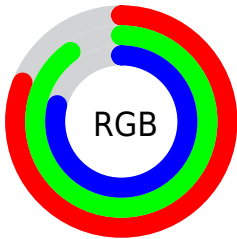
Format	Color
R_{YB}	202, 230, 226
Decimal	13559498
CIE Lab	88.91, -13.01, 10.98
CIE LCh	89, 17.023, 139.845
Yxy	73.9797, 0.3140, 0.3606
Android (android.graphics.Color)	4291749578 (0xFFCEE6CA)
YUV	219.6320, -8.6926, -11.9553
Hunter-Lab	86.0115, -16.8302, 14.1898

Details

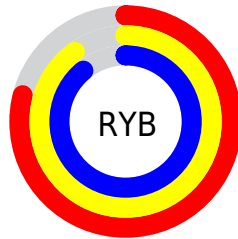
The Yxy color **73.9797, 0.3140, 0.3606** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.1126, 0.3111, 0.2988**, and the grayscale version is **71.3711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0856, 0.3144, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **70.3306, 0.3148, 0.3900**, and if you desaturate by 10%, it is **78.1500, 0.3130, 0.3343**.

Distribution



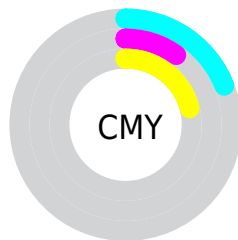
- Red (81%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)





- Cyan (19%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9797, 0.3140, 0.3606 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 73.9797, 0.3140, 0.3606 by changing the saturation by 10% instead.


 73.9797, 0.3140,
0.3606

 73.9797, 0.3140,
0.3606


474.4033, 0.3136,
0.3457

 54.7774, 0.3141,
0.3641


124.8670, 0.3139,
0.3554

 39.2235, 0.3141,
0.3684


157.3209, 0.3138,
0.3534

 26.9337, 0.3142,
0.3739


194.9607, 0.3138,
0.3516

 17.5234, 0.3142,
0.3813

238.1709, 0.3137,
0.3501

 10.6084, 0.3140,
0.3915

287.3359, 0.3137,
0.3488

 5.8042, 0.3136,
0.4065

342.8400, 0.3136,

 2.7264, 0.3124,

0.3477

0.4311

405.0677, 0.3136,
0.3466

■ 0.9906, 0.3234,
0.5165

■ 0.0000, 0.0000,
0.0000

■ 73.9797, 0.3140,
0.3606

■ 73.9797, 0.3140,
0.3606

■ 70.3306, 0.3148,
0.3900

■ 78.1500, 0.3130,
0.3343

■ 67.1731, 0.3153,
0.4222

■ 82.8510, 0.3118,
0.3111

■ 64.4889, 0.3153,
0.4563

■ 85.0707, 0.3138,
0.3048

■ 62.2550, 0.3147,
0.4908

■ 60.4463, 0.3134,
0.5239

■ 59.0353, 0.3114,
0.5529

■ 57.9913, 0.3087,
0.5756

■ 57.2785, 0.3057,
0.5905

■ 56.9181, 0.3035,
0.5972

Harmonies

Analogous

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



73.9797, 0.3339, 0.3651



73.9797, 0.3140, 0.3606



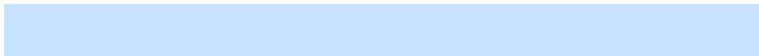
73.9797, 0.2943, 0.3467

Triad

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



73.9797, 0.3140, 0.3606



73.9797, 0.2779, 0.2983



73.9797, 0.3467, 0.3286

Complementary

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



73.9797, 0.3140, 0.3606



64.1126, 0.3111, 0.2988

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.



73.9797, 0.3309, 0.3121



73.9797, 0.3140, 0.3606



73.9797, 0.2911, 0.2948

Square

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



73.9797, 0.3140, 0.3606



73.9797, 0.2739, 0.3102



73.9797, 0.3104, 0.2999



73.9797, 0.3532, 0.3458

Rectangle

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



73.9797, 0.3140, 0.3606



73.9797, 0.2837, 0.3344



73.9797, 0.3104, 0.2999



73.9797, 0.3423, 0.3229

Sweetspot

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



73.9829, 0.3140, 0.3606



97.7429, 0.3132, 0.3389



75.3675, 0.3314, 0.3547



20.8327, 0.3132, 0.3409



0.0000, 0.0000, 0.0000



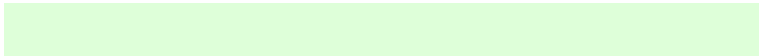
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9829, 0.3140, 0.3606



92.0905, 0.3143, 0.3689



73.8899, 0.3051, 0.3495



16.1886, 0.3137, 0.3531



32.2572, 0.3041, 0.5967



2.4152, 0.3120, 0.5905

Inverse Universe

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



64.1126, 0.3111, 0.2988



76.9433, 0.3106, 0.2913



64.2393, 0.3212, 0.3093



14.5041, 0.3115, 0.3057



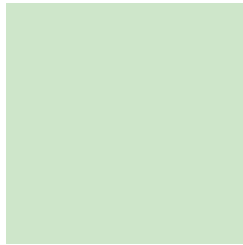
9.9773, 0.2847, 0.1342



0.7663, 0.2903, 0.1373

Previews

White Background



This preview shows how the Yxy color 73.9797, 0.3140, 0.3606 looks on a white background.

Color Contrast Check

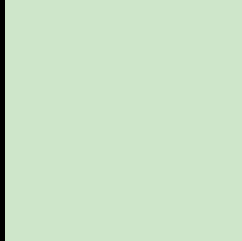
Large Text (above 18pt) WCAG AA × Fail

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 73.9797, 0.3140, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

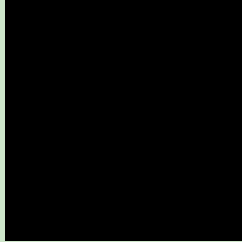
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

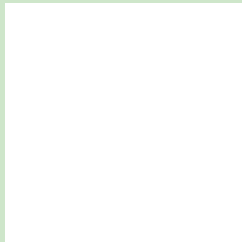
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9797, 0.3140, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 73.9797, 0.3140, 0.3606.

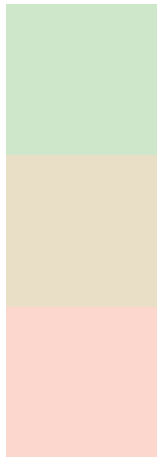


This preview shows how white text looks on a background with the Yxy color 73.9797, 0.3140, 0.3606.

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

73.9797, 0.3140, 0.3606

Protanopia

73.6434, 0.3369, 0.3549

Deuteranopia

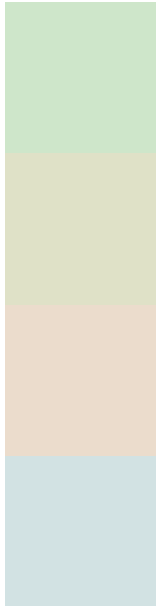
73.5179, 0.3467, 0.3394



Tritanopia

73.7192, 0.2933, 0.3096

Trichromacy



Original Color

73.9797, 0.3140, 0.3606

Protanomaly

73.6619, 0.3285, 0.3576

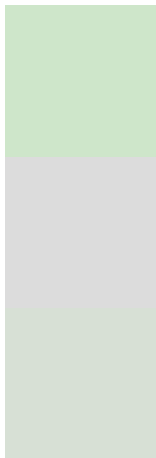
Deuteranomaly

73.2082, 0.3345, 0.3462

Tritanomaly

73.6404, 0.3012, 0.3279

Monochromacy



Original Color

73.9797, 0.3140, 0.3606

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 73.9797, 0.3140, 0.3606 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(206, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 202)  
}
```

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(206, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 202) }
```

Border

The CSS property to change the border of an element to Yxy 73.9797, 0.3140, 0.3606 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(206, 230, 202) }
```

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

```
.border{ border-color:rgb(206, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9797, 0.3140, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 202) }
```

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

```
.background{ background-color: rgb(206,  
230, 202) }
```

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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