

Converting Colors

$Yxy(74.6616, 0.3104, 0.3582)$

Have a look what the booklet for
Yxy(74.6616, 0.3104, 0.3582)
contains.

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Color

Yxy(74.4454, 0.3100, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	CCE7CE
RGB	204, 231, 206
RGB Percent	80%, 91%, 81%
CMY	0.2002, 0.0940, 0.1921
CMYK	0.12, 0.00, 0.11, 0.09
HSL	125°, 36%, 85%
HSV	125°, 12%, 91%
XYZ	64.6083, 74.4454, 69.3601
YIQ	220.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

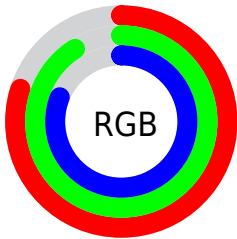
Format	Color
R_{YB}	204, 229, 231
Decimal	13428686
CIE _{Lab}	89.13, -13.53, 9.18
CIE _{LCh}	89, 16.347, 145.850
Yxy	74.4454, 0.3100, 0.3572
Android (android.graphics.Color)	4291618766 (0xFFCCE7CE)
YUV	220.0770, -6.9400, -14.0995
Hunter-Lab	86.2817, -17.3312, 12.7352

Details

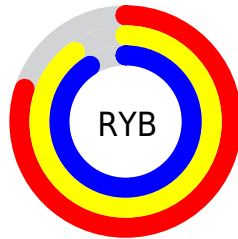
The Yxy color **74.4454, 0.3100, 0.3572** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8085, 0.3155, 0.3023**, and the grayscale version is **71.6766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4110, 0.3094, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **70.4556, 0.3076, 0.3847**, and if you desaturate by 10%, it is **79.0665, 0.3123, 0.3329**.

Distribution



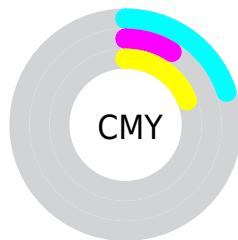
- Red (80%)
- Green (91%)
- Blue (81%)



- Red (80%)
- Yellow (90%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4454, 0.3100, 0.3572 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 74.4454, 0.3100, 0.3572 by changing the saturation by 10% instead.

■ 74.4454, 0.3100,
0.3572

■ 74.4454, 0.3100,
0.3572

476.0092, 0.3114,
0.3439

■ 55.1587, 0.3097,
0.3603

125.5270, 0.3105,
0.3526

■ 39.5288, 0.3092,
0.3641

158.0906, 0.3107,
0.3508

■ 27.1713, 0.3086,
0.3690

195.8487, 0.3109,
0.3492

■ 17.7019, 0.3078,
0.3756

239.1856, 0.3110,
0.3479

■ 10.7362, 0.3066,
0.3846

288.4857, 0.3111,
0.3467

■ 5.8897, 0.3047,
0.3979

344.1334, 0.3112,

■ 2.7782, 0.3012,

0.3457

0.4196

406.5131, 0.3113,
0.3448

1.0170, 0.2993,
0.4827

0.0000, 0.0000,
0.0000

74.4454, 0.3100,
0.3572

74.4454, 0.3100,
0.3572

70.4556, 0.3076,
0.3847

79.0665, 0.3123,
0.3329

67.0608, 0.3051,
0.4153

84.3348, 0.3145,
0.3116

64.2353, 0.3028,
0.4482

85.6418, 0.3138,
0.3058

61.9478, 0.3007,
0.4822

■ 60.1642, 0.2991,
0.5154

■ 58.8463, 0.2981,
0.5456

■ 57.9503, 0.2979,
0.5702

■ 57.4244, 0.2983,
0.5875

■ 57.2040, 0.2989,
0.5960

Harmonies

Analogous

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



74.4454, 0.3295, 0.3635



74.4454, 0.3100, 0.3572



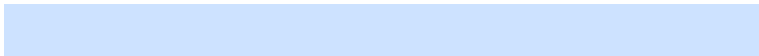
74.4454, 0.2917, 0.3426

Triad

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



74.4454, 0.3100, 0.3572



74.4454, 0.2813, 0.2982



74.4454, 0.3474, 0.3321

Complementary

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



74.4454, 0.3100, 0.3572



65.8085, 0.3155, 0.3023

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.



74.4454, 0.3337, 0.3157



74.4454, 0.3100, 0.3572



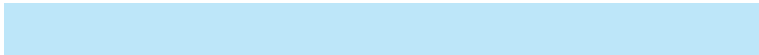
74.4454, 0.2954, 0.2966

Square

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



74.4454, 0.3100, 0.3572



74.4454, 0.2755, 0.3082



74.4454, 0.3145, 0.3030



74.4454, 0.3514, 0.3482

Rectangle

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



74.4454, 0.3100, 0.3572



74.4454, 0.2825, 0.3304



74.4454, 0.3145, 0.3030



74.4454, 0.3437, 0.3265

Sweetspot

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



74.4486, 0.3100, 0.3572



97.5243, 0.3118, 0.3382



78.2121, 0.3289, 0.3580



20.7777, 0.3116, 0.3400



0.0000, 0.0000, 0.0000



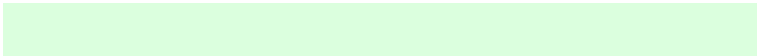
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4486, 0.3100, 0.3572



91.9013, 0.3094, 0.3634



75.1217, 0.3018, 0.3420



16.1069, 0.3105, 0.3514



32.0707, 0.2986, 0.5949



2.3761, 0.2948, 0.5813

Inverse Universe

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



65.8085, 0.3155, 0.3023



79.1261, 0.3161, 0.2968



65.0949, 0.3251, 0.3163



14.5953, 0.3149, 0.3076



12.2383, 0.3409, 0.1652



0.9100, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 74.4454, 0.3100, 0.3572 looks on a white background.

Color Contrast Check

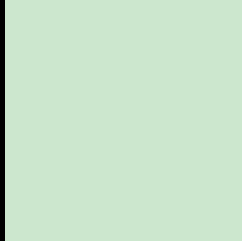
Large Text (above 18pt) WCAG AA × Fail

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 74.4454, 0.3100, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

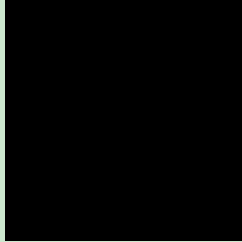
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

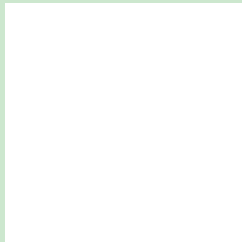
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4454, 0.3100, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 74.4454, 0.3100, 0.3572.

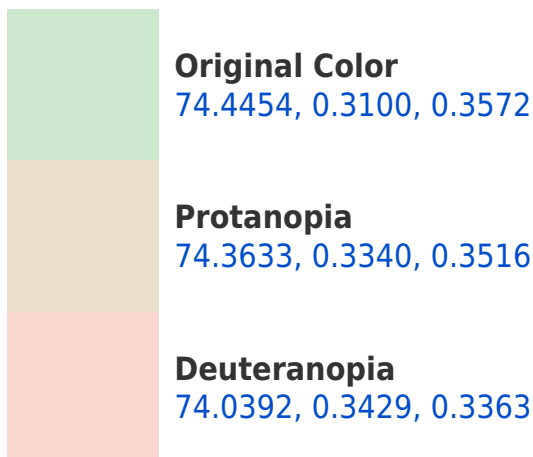


This preview shows how white text looks on a background with the Yxy color 74.4454, 0.3100, 0.3572.

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

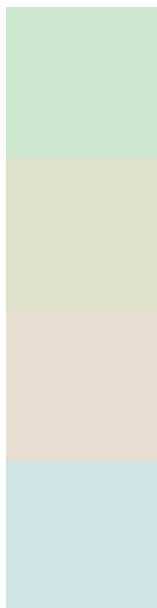




Tritanopia

74.5654, 0.2914, 0.3107

Trichromacy



Original Color

74.4454, 0.3100, 0.3572

Protanomaly

74.2341, 0.3249, 0.3542

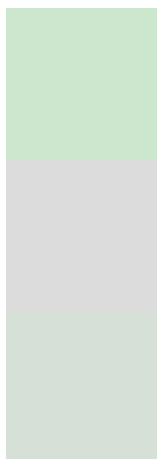
Deuteranomaly

73.5906, 0.3302, 0.3429

Tritanomaly

74.6099, 0.2980, 0.3268

Monochromacy



Original Color

74.4454, 0.3100, 0.3572

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5137, 0.3115, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4454, 0.3100, 0.3572 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(204, 231, 206)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 206)  
}
```

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(204, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.4454, 0.3100, 0.3572 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(204, 231, 206) }
```

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

```
.border{ border-color:rgb(204, 231, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4454, 0.3100, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 206) }
```

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

```
.background{ background-color: rgb(204,  
231, 206) }
```

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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