

Converting Colors

$Yxy(74.5259, 0.3104, 0.3561)$

Have a look what the booklet for
Yxy(74.5259, 0.3104, 0.3561)
contains.

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Color

Yxy(74.6360, 0.3101, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	CDE7CF
RGB	205, 231, 207
RGB Percent	80%, 91%, 81%
CMY	0.1961, 0.0941, 0.1883
CMYK	0.11, 0.00, 0.10, 0.09
HSL	125°, 35%, 85%
HSV	125°, 11%, 91%
XYZ	65.0130, 74.6360, 70.0027
YIQ	220.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

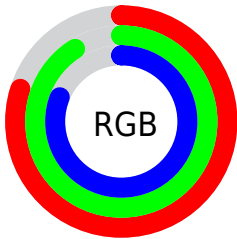
Format	Color
R_{YB}	205, 229, 231
Decimal	13494223
CIE Lab	89.22, -13.00, 8.80
CIE LCh	89, 15.698, 145.898
Yxy	74.6360, 0.3101, 0.3560
Android (android.graphics.Color)	4291684303 (0xFFCDE7CF)
YUV	220.4900, -6.6506, -13.5847
Hunter-Lab	86.3921, -16.8590, 12.4324

Details

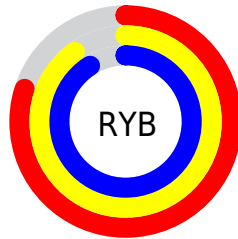
The Yxy color **74.6360, 0.3101, 0.3560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3092, 0.3154, 0.3034**, and the grayscale version is **71.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5392, 0.3094, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **70.6191, 0.3077, 0.3834**, and if you desaturate by 10%, it is **79.2852, 0.3124, 0.3318**.

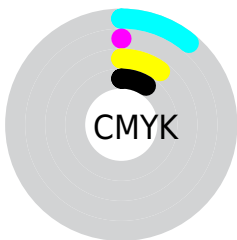
Distribution



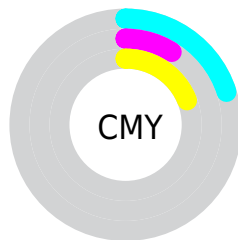
- Red (80%)
- Green (91%)
- Blue (81%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6360, 0.3101, 0.3560 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 74.6360, 0.3101, 0.3560 by changing the saturation by 10% instead.

 74.6360, 0.3101,
0.3560

 74.6360, 0.3101,
0.3560

476.6655, 0.3114,
0.3433

 55.3147, 0.3098,
0.3589


125.7970, 0.3106,
0.3516

 39.6538, 0.3093,
0.3626

158.4055, 0.3108,
0.3498

 27.2687, 0.3088,
0.3673


196.2118, 0.3109,
0.3484

 17.7751, 0.3080,
0.3735

239.6005, 0.3110,
0.3471

 10.7887, 0.3069,
0.3821

288.9558, 0.3112,
0.3460

 5.9249, 0.3051,
0.3948

344.6621, 0.3113,

 2.7995, 0.3018,

0.3450

407.1039, 0.3113,
0.3441

0.4154

1.0280, 0.2999,
0.4721

0.0000, 0.0000,
0.0000

74.6360, 0.3101,
0.3560

74.6360, 0.3101,
0.3560

70.6191, 0.3077,
0.3834

79.2852, 0.3124,
0.3318

67.1982, 0.3052,
0.4138

84.5824, 0.3146,
0.3108

64.3478, 0.3029,
0.4466

85.6361, 0.3138,
0.3058

62.0367, 0.3008,
0.4805

■ 60.2309, 0.2991,
0.5139

■ 58.8925, 0.2981,
0.5442

■ 57.9781, 0.2978,
0.5691

■ 57.4363, 0.2983,
0.5868

■ 57.1988, 0.2989,
0.5960

Harmonies

Analogous

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



74.6360, 0.3288, 0.3621



74.6360, 0.3101, 0.3560



74.6360, 0.2925, 0.3420

Triad

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



74.6360, 0.3101, 0.3560



74.6360, 0.2825, 0.2995



74.6360, 0.3460, 0.3320

Complementary

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



74.6360, 0.3101, 0.3560



66.3092, 0.3154, 0.3034

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.



74.6360, 0.3329, 0.3163



74.6360, 0.3101, 0.3560



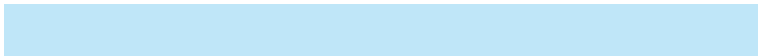
74.6360, 0.2961, 0.2978

Square

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



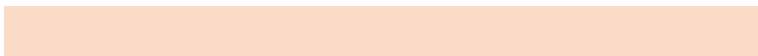
74.6360, 0.3101, 0.3560



74.6360, 0.2769, 0.3090



74.6360, 0.3145, 0.3040



74.6360, 0.3499, 0.3475

Rectangle

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



74.6360, 0.3101, 0.3560



74.6360, 0.2837, 0.3304



74.6360, 0.3145, 0.3040



74.6360, 0.3425, 0.3266

Sweetspot

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



74.6392, 0.3101, 0.3560



98.1312, 0.3120, 0.3358



78.2668, 0.3283, 0.3568



20.8999, 0.3118, 0.3377



0.0000, 0.0000, 0.0000



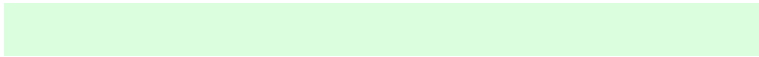
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6392, 0.3101, 0.3560



91.9024, 0.3094, 0.3634



75.2881, 0.3022, 0.3415



16.1070, 0.3105, 0.3514



32.0709, 0.2986, 0.5949



2.3762, 0.2948, 0.5812

Inverse Universe

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



66.3092, 0.3154, 0.3034



79.1249, 0.3161, 0.2969



65.6230, 0.3245, 0.3168



14.5952, 0.3150, 0.3076



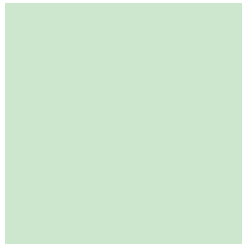
12.2347, 0.3411, 0.1653



0.9098, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 74.6360, 0.3101, 0.3560 looks on a white background.

Color Contrast Check

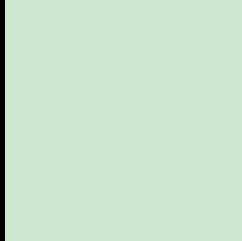
Large Text (above 18pt) WCAG AA × Fail

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 74.6360, 0.3101, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

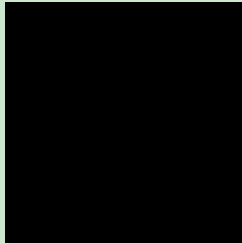
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

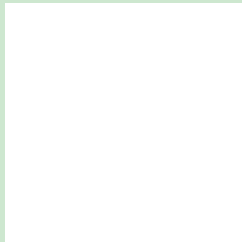
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6360, 0.3101, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 74.6360, 0.3101, 0.3560.

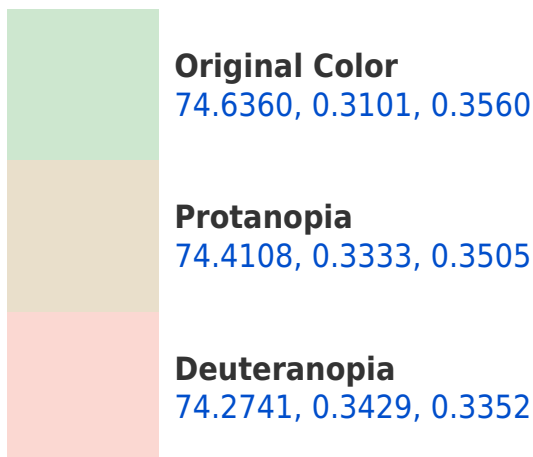


This preview shows how white text looks on a background with the Yxy color 74.6360, 0.3101, 0.3560.

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

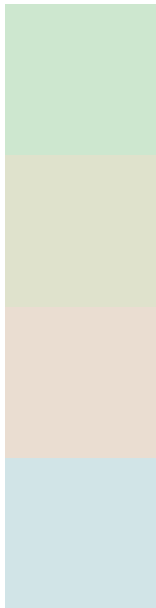




Tritanopia

74.7733, 0.2915, 0.3097

Trichromacy



Original Color

74.6360, 0.3101, 0.3560

Protanomaly

74.4403, 0.3250, 0.3530

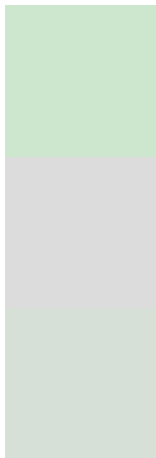
Deuteranomaly

73.8088, 0.3302, 0.3418

Tritanomaly

74.8116, 0.2980, 0.3257

Monochromacy



Original Color

74.6360, 0.3101, 0.3560

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6647, 0.3123, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6360, 0.3101, 0.3560 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(205, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 231, 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(205, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 231, 207) }
```

Border

The CSS property to change the border of an element to Yxy 74.6360, 0.3101, 0.3560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

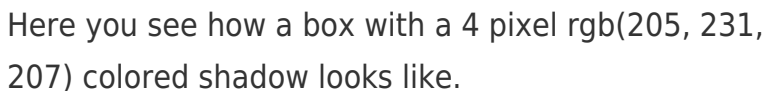
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 231, 207) }
```

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

```
.border{ border-color:rgb(205, 231, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 231, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 231, 207); box-shadow:4px 4px 4px 4px rgb(205, 231, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6360, 0.3101, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 231, 207) }
```

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

```
.background{ background-color: rgb(205,  
231, 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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