

Converting Colors

$Yxy(74.6410, 0.3133, 0.3530)$

Have a look what the booklet for
Yxy(74.6410, 0.3133, 0.3530)
contains.

Yxy(74.8493, 0.3129, 0.3535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.8493, 0.3129, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	D2E6D0
RGB	210, 230, 208
RGB Percent	82%, 90%, 82%
CMY	0.1766, 0.0980, 0.1843
CMYK	0.09, 0.00, 0.10, 0.10
HSL	115°, 31%, 86%
HSV	115°, 10%, 90%
XYZ	66.2527, 74.8493, 70.6357
YIQ	221.5120, -4.8580, -11.0820

Conversions

Conversions Part 2

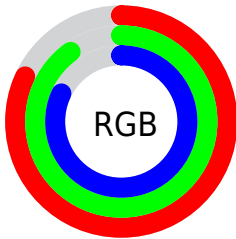
Format	Color
R _Y B	208, 230, 228
Decimal	13821648
CIE Lab	89.32, -10.65, 8.46
CIE LCh	89, 13.597, 141.547
Yxy	74.8493, 0.3129, 0.3535
Android (android.graphics.Color)	4292011728 (0xFFD2E6D0)
YUV	221.5120, -6.6614, -10.0960
Hunter-Lab	86.5155, -14.7085, 12.1534

Details

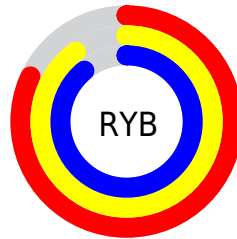
The Yxy color **74.8493, 0.3129, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3354, 0.3124, 0.3055**, and the grayscale version is **72.7333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5738, 0.3122, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **70.9238, 0.3129, 0.3823**, and if you desaturate by 10%, it is **79.3484, 0.3127, 0.3280**.

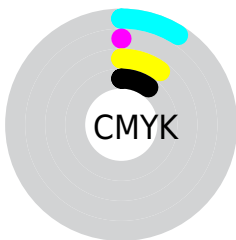
Distribution



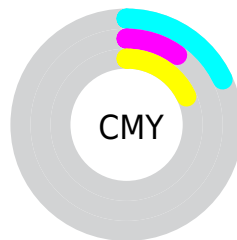
- Red (82%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (89%)



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





- Cyan (18%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8493, 0.3129, 0.3535 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 74.8493, 0.3129, 0.3535 by changing the saturation by 10% instead.

 74.8493, 0.3129,
0.3535

 74.8493, 0.3129,
0.3535

477.3994, 0.3129,
0.3420

 55.4894, 0.3129,
0.3562

126.0990, 0.3129,
0.3495

 39.7937, 0.3128,
0.3595

158.7577, 0.3129,
0.3479

 27.3777, 0.3128,
0.3637


196.6180, 0.3129,
0.3466

 17.8571, 0.3126,
0.3692

240.0645, 0.3129,
0.3455

 10.8475, 0.3124,
0.3769

289.4815, 0.3129,
0.3444

 5.9644, 0.3119,
0.3883

345.2534, 0.3129,

 2.8234, 0.3108,

0.3435

0.4065

407.7646, 0.3129,
0.3427

■ 1.0403, 0.3143,
0.4535

■ 0.0000, 0.0000,
0.0000

■ 74.8493, 0.3129,
0.3535

■ 74.8493, 0.3129,
0.3535

■ 70.9238, 0.3129,
0.3823

■ 79.3484, 0.3127,
0.3280

■ 67.5397, 0.3127,
0.4142

■ 84.4327, 0.3124,
0.3056

■ 64.6761, 0.3121,
0.4484

■ 85.0819, 0.3138,
0.3049

■ 62.3072, 0.3111,
0.4837

■ 60.4047, 0.3097,
0.5179

■ 58.9376, 0.3079,
0.5485

■ 57.8714, 0.3058,
0.5731

■ 57.1657, 0.3036,
0.5897

■ 56.7669, 0.3017,
0.5984

Harmonies

Analogous

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



74.8493, 0.3288, 0.3576



74.8493, 0.3129, 0.3535



74.8493, 0.2972, 0.3423

Triad

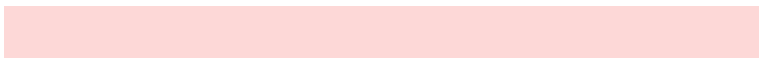
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8493, 0.3129, 0.3535



74.8493, 0.2854, 0.3042



74.8493, 0.3402, 0.3296

Complementary

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



74.8493, 0.3129, 0.3535



67.3354, 0.3124, 0.3055

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.



74.8493, 0.3280, 0.3162



74.8493, 0.3129, 0.3535



74.8493, 0.2963, 0.3017

Square

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



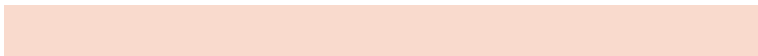
74.8493, 0.3129, 0.3535



74.8493, 0.2816, 0.3135



74.8493, 0.3119, 0.3061



74.8493, 0.3449, 0.3433

Rectangle

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



74.8493, 0.3129, 0.3535



74.8493, 0.2890, 0.3325



74.8493, 0.3119, 0.3061



74.8493, 0.3369, 0.3250

Sweetspot

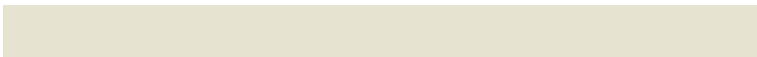
The Sweet Spot groups the original color and five complimentary colors.



74.8525, 0.3129, 0.3535



98.2186, 0.3128, 0.3364



76.7648, 0.3272, 0.3502



20.9234, 0.3128, 0.3384



0.0000, 0.0000, 0.0000



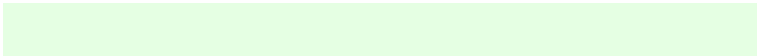
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8525, 0.3129, 0.3535



93.7932, 0.3129, 0.3576



75.0134, 0.3061, 0.3436



16.1499, 0.3129, 0.3532



32.1488, 0.3021, 0.5983



2.3968, 0.3075, 0.5941

Inverse Universe

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



67.3354, 0.3124, 0.3055



82.9222, 0.3123, 0.3017



67.1742, 0.3200, 0.3148



14.5469, 0.3124, 0.3057



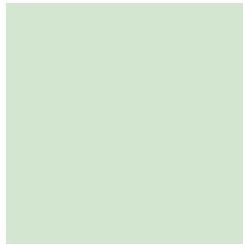
10.9868, 0.2988, 0.1420



0.8310, 0.3022, 0.1438

Previews

White Background



This preview shows how the Yxy color 74.8493, 0.3129, 0.3535 looks on a white background.

Color Contrast Check

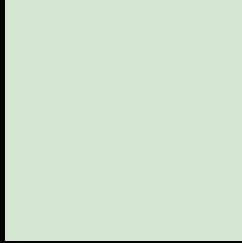
Large Text (above 18pt) WCAG AA × Fail

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 74.8493, 0.3129, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

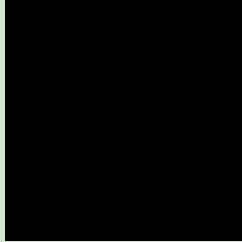
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

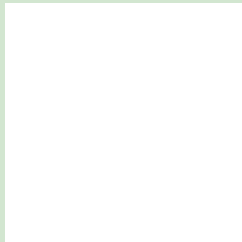
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8493, 0.3129, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 74.8493, 0.3129, 0.3535.



This preview shows how white text looks on a background with the Yxy color 74.8493, 0.3129, 0.3535.

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

74.8493, 0.3129, 0.3535

Protanopia

74.4586, 0.3326, 0.3494

Deuteranopia

74.3241, 0.3422, 0.3342



Tritanopia

74.9204, 0.2953, 0.3098

Trichromacy



Original Color

74.8493, 0.3129, 0.3535

Protanomaly

74.8080, 0.3258, 0.3518

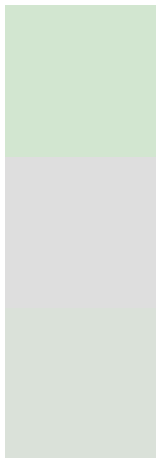
Deuteranomaly

74.1989, 0.3310, 0.3407

Tritanomaly

74.9475, 0.3020, 0.3257

Monochromacy



Original Color

74.8493, 0.3129, 0.3535

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7656, 0.3130, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8493, 0.3129, 0.3535 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(210, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 208)  
}
```

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(210, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 208) }
```

Border

The CSS property to change the border of an element to Yxy 74.8493, 0.3129, 0.3535 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(210, 230, 208) }
```

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

```
.border{ border-color:rgb(210, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8493, 0.3129, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 208) }
```

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

```
.background{ background-color: rgb(210,  
230, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor