

Converting Colors

$Yxy(81.2177, 0.3157, 0.3470)$

Have a look what the booklet for
Yxy(81.2177, 0.3157, 0.3470)
contains.

Yxy(81.1129, 0.3159, 0.3470)	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(81.1129, 0.3159, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	E1ECDB
RGB	225, 236, 219
RGB Percent	88%, 93%, 86%
CMY	0.1175, 0.0745, 0.1411
CMYK	0.05, 0.00, 0.07, 0.07
HSL	99°, 31%, 89%
HSV	99°, 7%, 93%
XYZ	73.8431, 81.1129, 78.7987
YIQ	230.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

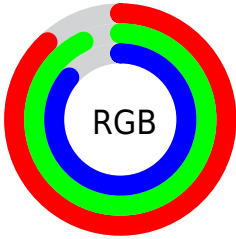
Format	Color
R _Y B	219, 236, 230
Decimal	14806235
CIE Lab	92.18, -6.65, 6.96
CIE LCh	92, 9.626, 133.710
Yxy	81.1129, 0.3159, 0.3470
Android (android.graphics.Color)	4292996315 (0xFFE1ECDB)
YUV	230.7730, -5.8041, -5.0629
Hunter-Lab	90.0627, -11.2562, 11.1692

Details

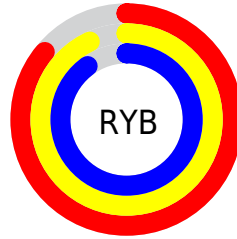
The Yxy color **81.1129, 0.3159, 0.3470** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5528, 0.3093, 0.3112**, and the grayscale version is **79.7848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8689, 0.3169, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **77.6180, 0.3202, 0.3743**, and if you desaturate by 10%, it is **85.0097, 0.3115, 0.3223**.

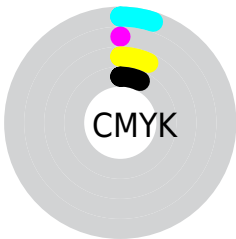
Distribution



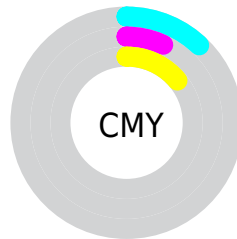
- Red (88%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)





- Cyan (12%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1129, 0.3159, 0.3470 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 81.1129, 0.3159, 0.3470 by changing the saturation by 10% instead.


 81.1129, 0.3159,
0.3470

 81.1129, 0.3159,
0.3470


498.6755, 0.3145,
0.3387

 60.6346, 0.3162,
0.3489

134.9293, 0.3154,
0.3441

 43.9303, 0.3166,
0.3512


169.0361, 0.3152,
0.3430

 30.6157, 0.3170,
0.3541


208.4546, 0.3151,
0.3421

 20.3064, 0.3176,
0.3579

253.5692, 0.3149,
0.3412

 12.6180, 0.3183,
0.3630

304.7641, 0.3148,
0.3405

 7.1660, 0.3193,
0.3704

362.4239, 0.3147,

 3.5661, 0.3207,

0.3398

0.3819

426.9329, 0.3146,
0.3393

■ 1.4340, 0.3227,
0.4020

■ 0.2416, 0.2177,
0.7823

■ 81.1129, 0.3159,
0.3470

■ 81.1129, 0.3159,
0.3470

■ 77.6180, 0.3202,
0.3743

■ 85.0097, 0.3115,
0.3223

■ 74.5016, 0.3242,
0.4038

■ 88.4675, 0.3136,
0.3107

■ 71.7531, 0.3276,
0.4352

■ 69.3580, 0.3301,
0.4673

■ 67.3005, 0.3313,
0.4987

■ 65.5632, 0.3308,
0.5276

■ 64.1274, 0.3287,
0.5522

■ 62.9716, 0.3248,
0.5708

■ 62.0695, 0.3197,
0.5829

Harmonies

Analogous

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



81.1129, 0.3264, 0.3485



81.1129, 0.3159, 0.3470



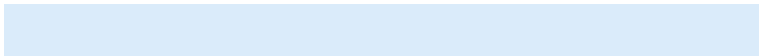
81.1129, 0.3047, 0.3404

Triad

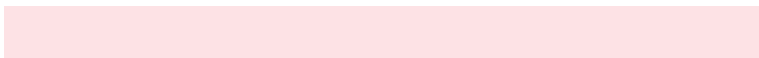
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1129, 0.3159, 0.3470



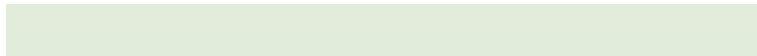
81.1129, 0.2925, 0.3132



81.1129, 0.3299, 0.3270

Complementary

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



81.1129, 0.3159, 0.3470



73.5528, 0.3093, 0.3112

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.



81.1129, 0.3205, 0.3180



81.1129, 0.3159, 0.3470



81.1129, 0.2990, 0.3100

Square

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



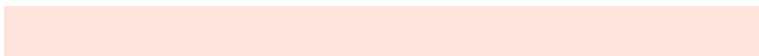
81.1129, 0.3159, 0.3470



81.1129, 0.2914, 0.3207



81.1129, 0.3092, 0.3118



81.1129, 0.3346, 0.3367

Rectangle

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



81.1129, 0.3159, 0.3470



81.1129, 0.2984, 0.3341



81.1129, 0.3092, 0.3118



81.1129, 0.3272, 0.3238

Sweetspot

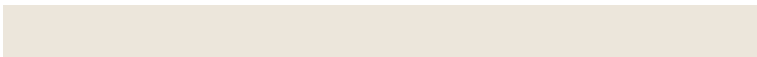
The Sweet Spot groups the original color and five complimentary colors.



81.1164, 0.3159, 0.3470



99.0564, 0.3136, 0.3339



79.4147, 0.3240, 0.3402



21.2121, 0.3136, 0.3336



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.



81.1164, 0.3159, 0.3470



95.9053, 0.3167, 0.3518



80.2874, 0.3105, 0.3447



17.1216, 0.3169, 0.3530



34.1619, 0.3193, 0.5847



2.7347, 0.3300, 0.5762

Inverse Universe

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



73.5528, 0.3093, 0.3112



84.7125, 0.3084, 0.3065



74.4334, 0.3150, 0.3137



15.0315, 0.3081, 0.3054



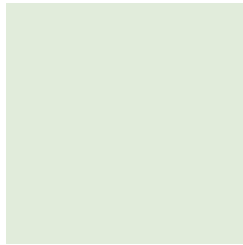
7.1158, 0.2337, 0.1061



0.6123, 0.2458, 0.1128

Previews

White Background



This preview shows how the Yxy color 81.1129, 0.3159, 0.3470 looks on a white background.

Color Contrast Check

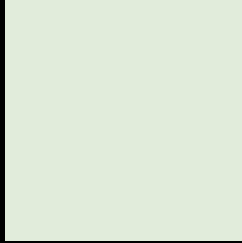
Large Text (above 18pt) WCAG AA × Fail

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 81.1129, 0.3159, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

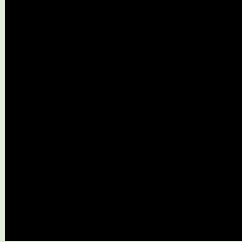
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

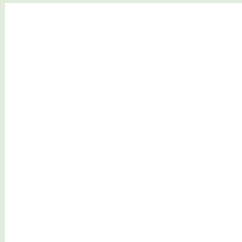
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1129, 0.3159, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 81.1129, 0.3159, 0.3470.

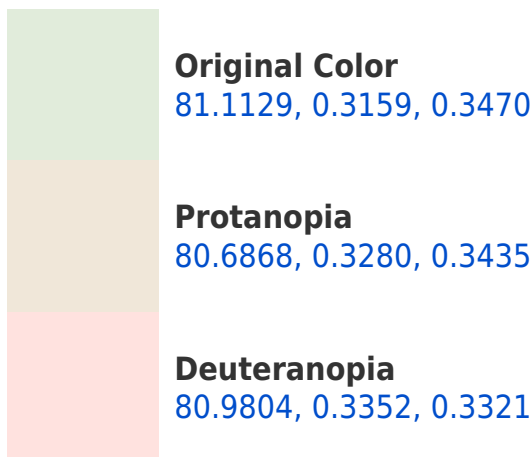


This preview shows how white text looks on a background with the Yxy color 81.1129, 0.3159, 0.3470.

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

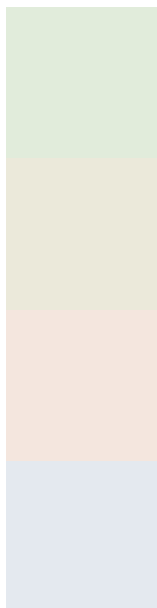




Tritanopia

80.8769, 0.3003, 0.3096

Trichromacy



Original Color

81.1129, 0.3159, 0.3470

Protanomaly

81.0020, 0.3236, 0.3447

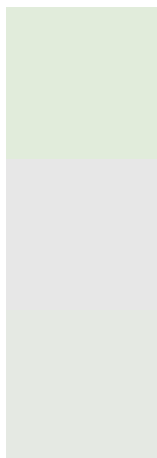
Deuteranomaly

81.1007, 0.3276, 0.3372

Tritanomaly

81.0038, 0.3057, 0.3228

Monochromacy



Original Color

81.1129, 0.3159, 0.3470

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.4819, 0.3138, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1129, 0.3159, 0.3470 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(225, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 219)  
}
```

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(225, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 219) }
```

Border

The CSS property to change the border of an element to Yxy 81.1129, 0.3159, 0.3470 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(225, 236, 219) }
```

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

```
.border{ border-color:rgb(225, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 236,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1129, 0.3159, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 219) }
```

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

```
.background{ background-color: rgb(225,  
236, 219) }
```

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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