

Converting Colors

Yxy(80.1357, 0.3141, 0.3447)

Have a look what the booklet for
Yxy(80.1357, 0.3141, 0.3447)
contains.

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Color

Yxy(80.2719, 0.3140, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBDC
RGB	223, 235, 220
RGB Percent	87%, 92%, 86%
CMY	0.1254, 0.0784, 0.1373
CMYK	0.05, 0.00, 0.06, 0.08
HSL	108°, 27%, 89%
HSV	108°, 6%, 92%
XYZ	73.0591, 80.2719, 79.3412
YIQ	229.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

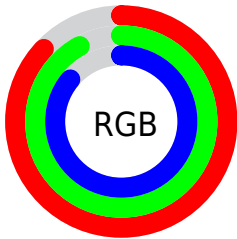
Format	Color
R_{YB}	220, 235, 232
Decimal	14674908
CIE Lab	91.81, -6.67, 5.90
CIE LCh	92, 8.902, 138.493
Yxy	80.2719, 0.3140, 0.3450
Android (android.graphics.Color)	4292864988 (0xFFDFEBDC)
YUV	229.7020, -4.7831, -5.8777
Hunter-Lab	89.5946, -11.2344, 10.2115

Details

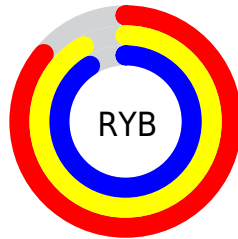
The Yxy color **80.2719, 0.3140, 0.3450** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3277, 0.3113, 0.3133**, and the grayscale version is **78.9389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2816, 0.3144, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **76.2997, 0.3159, 0.3725**, and if you desaturate by 10%, it is **84.7562, 0.3120, 0.3205**.

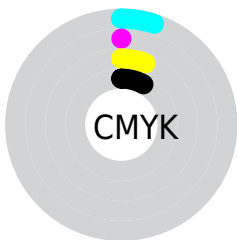
Distribution



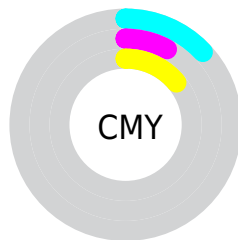
- Red (87%)
- Green (92%)
- Blue (86%)



- Red (86%)
- Yellow (92%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (13%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2719, 0.3140, 0.3450 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 80.2719, 0.3140, 0.3450 by changing the saturation by 10% instead.

 80.2719, 0.3140,
0.3450

 80.2719, 0.3140,
0.3450


495.8487, 0.3135,
0.3377

 59.9421, 0.3141,
0.3467

133.7479, 0.3138,
0.3425

 43.3720, 0.3142,
0.3487


167.6630, 0.3137,
0.3415

 30.1771, 0.3144,
0.3513


206.8753, 0.3137,
0.3406

 19.9730, 0.3146,
0.3547

251.7692, 0.3136,
0.3399

 12.3755, 0.3149,
0.3593

302.7290, 0.3136,
0.3392

 6.9999, 0.3152,
0.3660

360.1393, 0.3135,

 3.4620, 0.3155,

0.3386

0.3763

424.3844, 0.3135,
0.3381

■ 1.3774, 0.3158,
0.3945

■ 0.2000, 0.1203,
0.8797

■ 80.2719, 0.3140,
0.3450

■ 80.2719, 0.3140,
0.3450

■ 76.2997, 0.3159,
0.3725

■ 84.7562, 0.3120,
0.3205

■ 72.8113, 0.3175,
0.4028

■ 87.8986, 0.3136,
0.3097

■ 69.7909, 0.3186,
0.4355

■ 67.2184, 0.3190,
0.4694

■ 65.0719, 0.3186,
0.5030

■ 63.3275, 0.3172,
0.5341

■ 61.9591, 0.3147,
0.5604

■ 60.9371, 0.3114,
0.5801

■ 60.2266, 0.3075,
0.5920

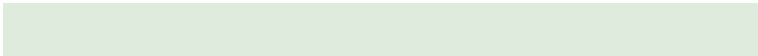
Harmonies

Analogous

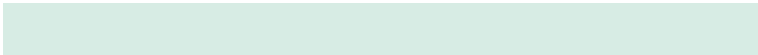
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2719, 0.3240, 0.3472



80.2719, 0.3140, 0.3450



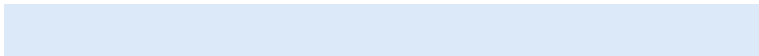
80.2719, 0.3038, 0.3383

Triad

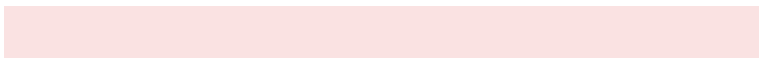
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2719, 0.3140, 0.3450



80.2719, 0.2946, 0.3136



80.2719, 0.3297, 0.3286

Complementary

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



80.2719, 0.3140, 0.3450



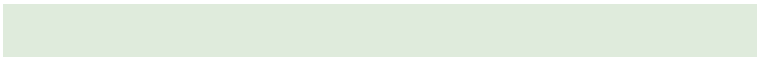
74.3277, 0.3113, 0.3133

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.



80.2719, 0.3216, 0.3200



80.2719, 0.3140, 0.3450



80.2719, 0.3013, 0.3113

Square

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



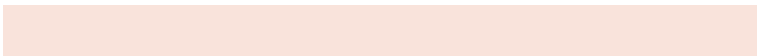
80.2719, 0.3140, 0.3450



80.2719, 0.2927, 0.3200



80.2719, 0.3112, 0.3137



80.2719, 0.3332, 0.3375

Rectangle

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



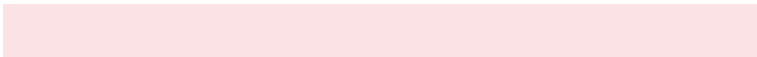
80.2719, 0.3140, 0.3450



80.2719, 0.2982, 0.3323



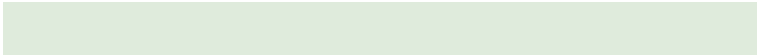
80.2719, 0.3112, 0.3137



80.2719, 0.3274, 0.3256

Sweetspot

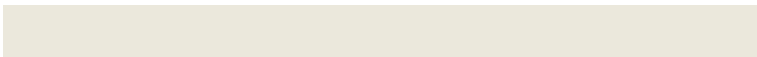
The Sweet Spot groups the original color and five complimentary colors.



80.2753, 0.3140, 0.3450



98.9119, 0.3131, 0.3339



80.4014, 0.3225, 0.3413



21.1826, 0.3131, 0.3337



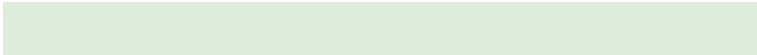
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.2753, 0.3140, 0.3450



95.7964, 0.3143, 0.3493



80.0266, 0.3093, 0.3405



17.0085, 0.3146, 0.3531



33.4527, 0.3070, 0.5944



2.6665, 0.3159, 0.5874

Inverse Universe

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



74.3277, 0.3113, 0.3133



86.8956, 0.3109, 0.3092



74.5960, 0.3163, 0.3178



15.1514, 0.3106, 0.3056



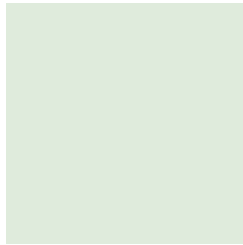
9.3146, 0.2704, 0.1263



0.7702, 0.2777, 0.1304

Previews

White Background



This preview shows how the Yxy color 80.2719, 0.3140, 0.3450 looks on a white background.

Color Contrast Check

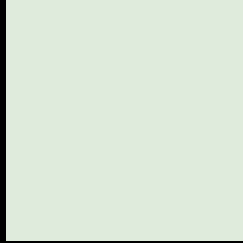
Large Text (above 18pt) WCAG AA × Fail

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 80.2719, 0.3140, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

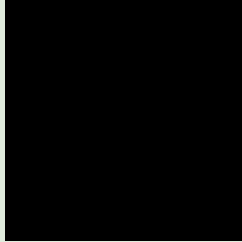
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

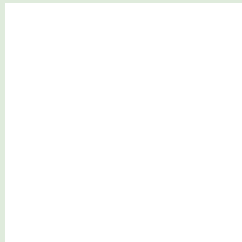
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2719, 0.3140, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 80.2719, 0.3140, 0.3450.

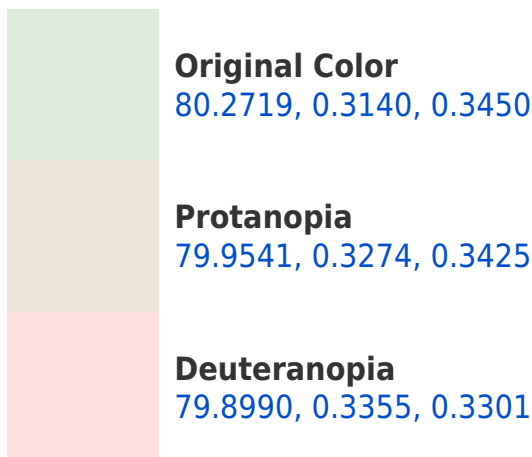


This preview shows how white text looks on a background with the Yxy color 80.2719, 0.3140, 0.3450.

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

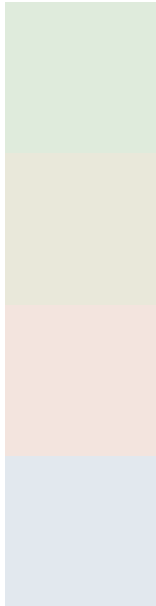




Tritanopia

80.4854, 0.2996, 0.3105

Trichromacy



Original Color

80.2719, 0.3140, 0.3450

Protanomaly

80.0988, 0.3223, 0.3437

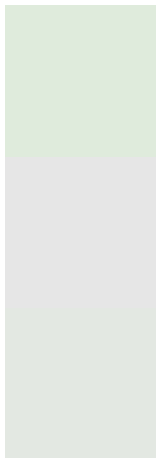
Deuteranomaly

79.8154, 0.3271, 0.3352

Tritanomaly

80.0550, 0.3050, 0.3227

Monochromacy



Original Color

80.2719, 0.3140, 0.3450

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.5351, 0.3131, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2719, 0.3140, 0.3450 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(223, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 220)  
}
```

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(223, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 220) }
```

Border

The CSS property to change the border of an element to Yxy 80.2719, 0.3140, 0.3450 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(223, 235, 220) }
```

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

```
.border{ border-color:rgb(223, 235, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2719, 0.3140, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 220) }
```

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

```
.background{ background-color: rgb(223,  
235, 220) }
```

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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