

Converting Colors

Yxy(80.4599, 0.3131, 0.3383)

Have a look what the booklet for
Yxy(80.4599, 0.3131, 0.3383)
contains.

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Color

Yxy(80.4506, 0.3129, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	E2EAE1
RGB	226, 234, 225
RGB Percent	89%, 92%, 88%
CMY	0.1139, 0.0823, 0.1176
CMYK	0.03, 0.00, 0.04, 0.08
HSL	114°, 18%, 90%
HSV	114°, 4%, 92%
XYZ	74.3663, 80.4506, 82.8510
YIQ	230.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

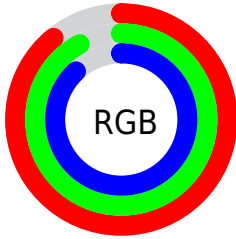
Format	Color
R _Y B	225, 234, 233
Decimal	14871265
CIE Lab	91.89, -4.30, 3.42
CIE LCh	92, 5.492, 141.460
Yxy	80.4506, 0.3129, 0.3385
Android (android.graphics.Color)	4293061345 (0xFFE2EAE1)
YUV	230.5820, -2.7519, -4.0184
Hunter-Lab	89.6943, -8.9690, 8.0195

Details

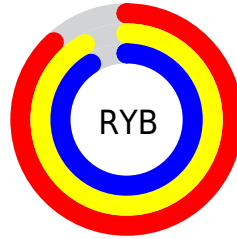
The Yxy color **80.4506, 0.3129, 0.3385** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1367, 0.3125, 0.3196**, and the grayscale version is **79.6033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4010, 0.3131, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **76.0785, 0.3133, 0.3655**, and if you desaturate by 10%, it is **85.4192, 0.3124, 0.3148**.

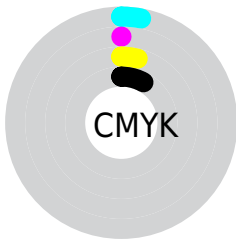
Distribution



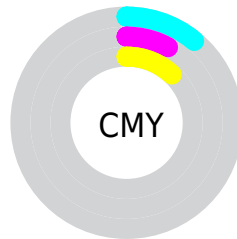
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4506, 0.3129, 0.3385 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 80.4506, 0.3129, 0.3385 by changing the saturation by 10% instead.

■ 80.4506, 0.3129,
0.3385

■ 80.4506, 0.3129,
0.3385

496.4501, 0.3128,
0.3342

■ 60.0892, 0.3129,
0.3395

133.9991, 0.3129,
0.3370

■ 43.4906, 0.3129,
0.3407

167.9549, 0.3129,
0.3364

■ 30.2702, 0.3129,
0.3422

207.2111, 0.3129,
0.3359

■ 20.0438, 0.3130,
0.3442

252.1520, 0.3129,
0.3355

■ 12.4269, 0.3130,
0.3469

303.1619, 0.3129,
0.3351

■ 7.0351, 0.3130,
0.3507

360.6253, 0.3128,

■ 3.4841, 0.3129,

0.3347

0.3566

424.9266, 0.3128,
0.3344

■ 1.3894, 0.3128,
0.3670

■ 0.2089, 0.3096,
0.6904

■ 80.4506, 0.3129,
0.3385

■ 80.4506, 0.3129,
0.3385

■ 76.0785, 0.3133,
0.3655

■ 85.4192, 0.3124,
0.3148

■ 72.2707, 0.3134,
0.3956

■ 87.3367, 0.3137,
0.3088

■ 69.0071, 0.3132,
0.4285

■ 66.2630, 0.3127,
0.4633

■ 64.0113, 0.3116,
0.4982

■ 62.2227, 0.3100,
0.5311

■ 60.8646, 0.3080,
0.5594

■ 59.9004, 0.3057,
0.5807

■ 59.2867, 0.3033,
0.5938

Harmonies

Analogous

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



80.4506, 0.3191, 0.3402



80.4506, 0.3129, 0.3385



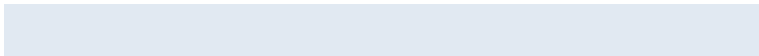
80.4506, 0.3067, 0.3342

Triad

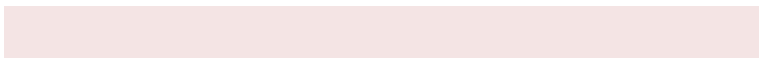
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4506, 0.3129, 0.3385



80.4506, 0.3018, 0.3192



80.4506, 0.3235, 0.3294

Complementary

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



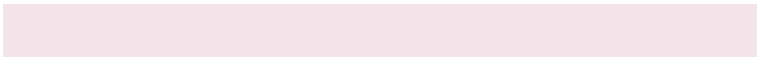
80.4506, 0.3129, 0.3385



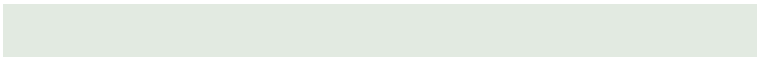
77.1367, 0.3125, 0.3196

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.



80.4506, 0.3188, 0.3239



80.4506, 0.3129, 0.3385



80.4506, 0.3063, 0.3181

Square

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



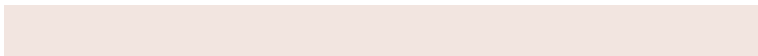
80.4506, 0.3129, 0.3385



80.4506, 0.3003, 0.3230



80.4506, 0.3124, 0.3198



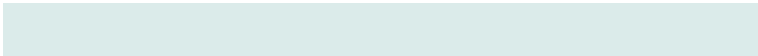
80.4506, 0.3253, 0.3348

Rectangle

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



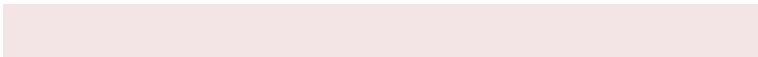
80.4506, 0.3129, 0.3385



80.4506, 0.3033, 0.3305



80.4506, 0.3124, 0.3198



80.4506, 0.3222, 0.3275

Sweetspot

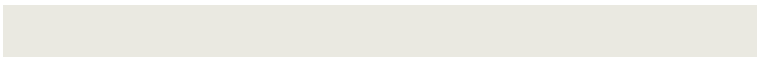
The Sweet Spot groups the original color and five complimentary colors.



80.4541, 0.3129, 0.3385



99.4060, 0.3128, 0.3314



81.1927, 0.3185, 0.3373



21.2832, 0.3128, 0.3313



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.



80.4541, 0.3129, 0.3385



97.1029, 0.3130, 0.3415



80.4936, 0.3101, 0.3348



17.3032, 0.3130, 0.3432



33.2046, 0.3025, 0.5980



2.6325, 0.3083, 0.5934

Inverse Universe

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



77.1367, 0.3125, 0.3196



91.8828, 0.3124, 0.3168



77.0981, 0.3154, 0.3232



16.2520, 0.3124, 0.3151



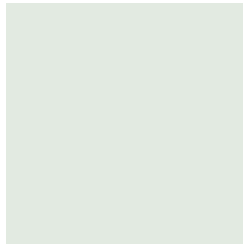
11.0449, 0.2949, 0.1398



0.8902, 0.2987, 0.1419

Previews

White Background



This preview shows how the Yxy color 80.4506, 0.3129, 0.3385 looks on a white background.

Color Contrast Check

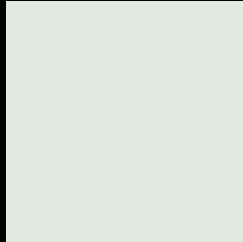
Large Text (above 18pt) WCAG AA × Fail

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 80.4506, 0.3129, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

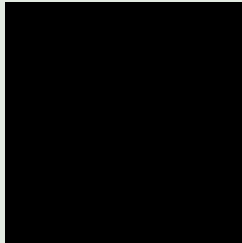
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

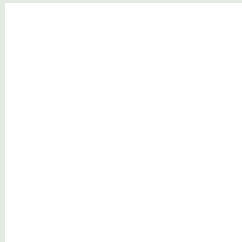
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4506, 0.3129, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 80.4506, 0.3129, 0.3385.

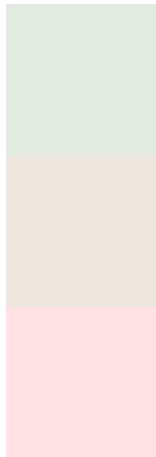


This preview shows how white text looks on a background with the Yxy color 80.4506, 0.3129, 0.3385.

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

80.4506, 0.3129, 0.3385

Protanopia

80.6567, 0.3227, 0.3373

Deuteranopia

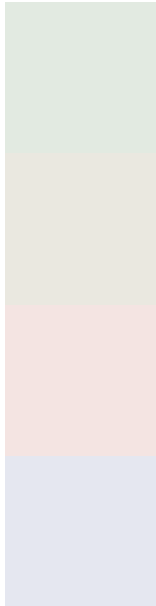
80.1174, 0.3328, 0.3261



Tritanopia

80.2562, 0.3009, 0.3095

Trichromacy



Original Color

80.4506, 0.3129, 0.3385

Protanomaly

80.5875, 0.3192, 0.3373

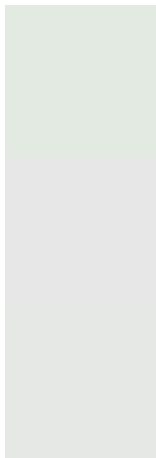
Deuteranomaly

80.2109, 0.3252, 0.3311

Tritanomaly

80.1011, 0.3058, 0.3197

Monochromacy



Original Color

80.4506, 0.3129, 0.3385

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0284, 0.3126, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4506, 0.3129, 0.3385 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(226, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 225)  
}
```

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(226, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 225) }
```

Border

The CSS property to change the border of an element to Yxy 80.4506, 0.3129, 0.3385 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(226, 234, 225) }
```

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

```
.border{ border-color:rgb(226, 234, 225) }
```

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

Here you see how a box with a 4 pixel rgb(226, 234, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4506, 0.3129, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 225) }
```

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

```
.background{ background-color: rgb(226,  
234, 225) }
```

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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