

Converting Colors

Yxy(80.5160, 0.3213, 0.3546)

Have a look what the booklet for
Yxy(80.5160, 0.3213, 0.3546)
contains.

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Color

Yxy(80.2886, 0.3217, 0.3546)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2EBD3 |
| RGB | 226, 235, 211 |
| RGB Percent | 89%, 92%, 83% |
| CMY | 0.1136, 0.0785, 0.1725 |
| CMYK | 0.04, 0.00, 0.10, 0.08 |
| HSL | 82°, 37%, 87% |
| HSV | 82°, 10%, 92% |
| XYZ | 72.8394, 80.2886, 73.2922 |
| YIQ | 229.5730, 2.3400, -9.3720 |

Conversions

Conversions Part 2

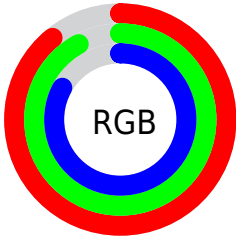
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 235, 220 |
| Decimal | 14871507 |
| CIE Lab | 91.81, -7.16, 10.61 |
| CIE LCh | 92, 12.797, 124.013 |
| Yxy | 80.2886, 0.3217, 0.3546 |
| Android (android.graphics.Color) | 4293061587 (0xFFE2EBD3) |
| YUV | 229.5730, -9.1565, -3.1335 |
| Hunter-Lab | 89.6039, -11.7035, 14.2260 |

Details

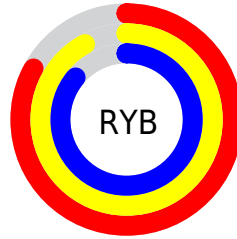
The Yxy color **80.2886, 0.3217, 0.3546** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **67.8027, 0.3031, 0.3031**, and the grayscale version is **78.8725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2984, 0.3244, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **77.8150, 0.3305, 0.3814**, and if you desaturate by 10%, it is **83.0142, 0.3129, 0.3295**.

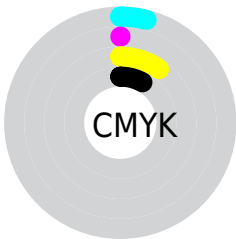
Distribution



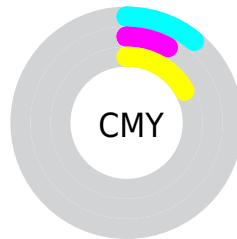
- Red (89%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (11%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2886, 0.3217, 0.3546 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 80.2886, 0.3217, 0.3546 by changing the saturation by 10% instead.


 80.2886, 0.3217,
0.3546

 80.2886, 0.3217,
0.3546

495.9049, 0.3177,
0.3428

 59.9559, 0.3226,
0.3573


133.7714, 0.3203,
0.3505

 43.3831, 0.3237,
0.3606


167.6903, 0.3198,
0.3489

 30.1858, 0.3250,
0.3648

206.9067, 0.3193,
0.3476

 19.9797, 0.3267,
0.3702

251.8049, 0.3189,
0.3464

 12.3803, 0.3289,
0.3777

302.7695, 0.3186,
0.3453

 7.0032, 0.3320,
0.3883

360.1848, 0.3182,

 3.4641, 0.3363,

0.3444

0.4049

424.4351, 0.3179,
0.3436

■ 1.3786, 0.3458,
0.4376

■ 0.2008, 0.0744,
0.9256

■ 80.2886, 0.3217,
0.3546

■ 80.2886, 0.3217,
0.3546

■ 77.8150, 0.3305,
0.3814

■ 83.0142, 0.3129,
0.3295

■ 75.5743, 0.3390,
0.4095

■ 85.7938, 0.3061,
0.3093

■ 73.5610, 0.3467,
0.4381

■ 87.3982, 0.3119,
0.3096

■ 71.7652, 0.3532,
0.4661

■ 87.8937, 0.3136,
0.3097

■ 70.1764, 0.3580,
0.4923

■ 68.7827, 0.3607,
0.5154

■ 67.5709, 0.3608,
0.5342

■ 66.5253, 0.3586,
0.5479

■ 65.6371, 0.3544,
0.5568

Harmonies

Analogous

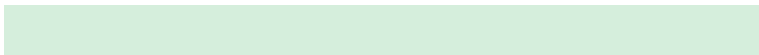
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2886, 0.3346, 0.3540



80.2886, 0.3217, 0.3546



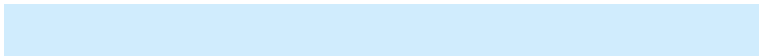
80.2886, 0.3067, 0.3478

Triad

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



80.2886, 0.3217, 0.3546



80.2886, 0.2846, 0.3105



80.2886, 0.3321, 0.3222

Complementary

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



80.2886, 0.3217, 0.3546



67.8027, 0.3031, 0.3031

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.



80.2886, 0.3183, 0.3112



80.2886, 0.3217, 0.3546



80.2886, 0.2910, 0.3044

Square

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



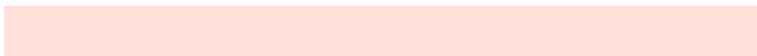
80.2886, 0.3217, 0.3546



80.2886, 0.2855, 0.3219



80.2886, 0.3033, 0.3048



80.2886, 0.3407, 0.3350

Rectangle

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



80.2886, 0.3217, 0.3546



80.2886, 0.2974, 0.3401



80.2886, 0.3033, 0.3048



80.2886, 0.3279, 0.3181

Sweetspot

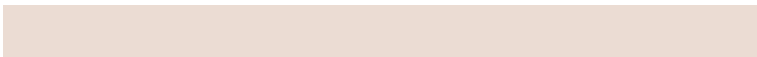
The Sweet Spot groups the original color and five complimentary colors.



80.2921, 0.3217, 0.3546



98.9791, 0.3154, 0.3364



73.4491, 0.3297, 0.3384



21.1282, 0.3161, 0.3383



0.0000, 0.0000, 0.0000



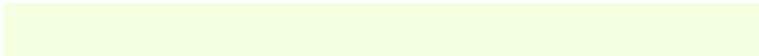
21.4041, 0.3127, 0.3290

Same Dimension

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



80.2921, 0.3217, 0.3546



96.0799, 0.3233, 0.3594



78.4450, 0.3136, 0.3552



17.3296, 0.3210, 0.3527



36.6070, 0.3554, 0.5560



2.9291, 0.3642, 0.5490

Inverse Universe

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



67.8027, 0.3031, 0.3031



78.5503, 0.3011, 0.2981



69.7137, 0.3116, 0.3038



14.8230, 0.3038, 0.3051



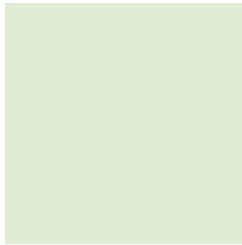
4.5538, 0.1805, 0.0768



0.4109, 0.1959, 0.0853

Previews

White Background



This preview shows how the Yxy color 80.2886, 0.3217, 0.3546 looks on a white background.

Color Contrast Check

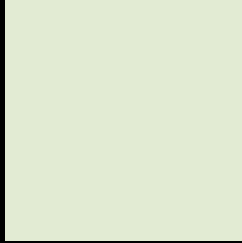
Large Text (above 18pt) WCAG AA × Fail

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 80.2886, 0.3217, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

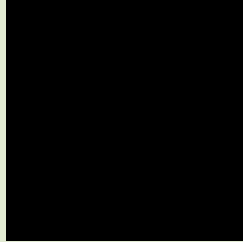
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

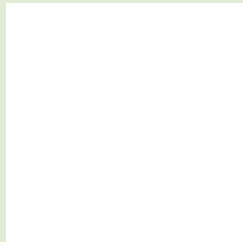
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2886, 0.3217, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 80.2886, 0.3217, 0.3546.

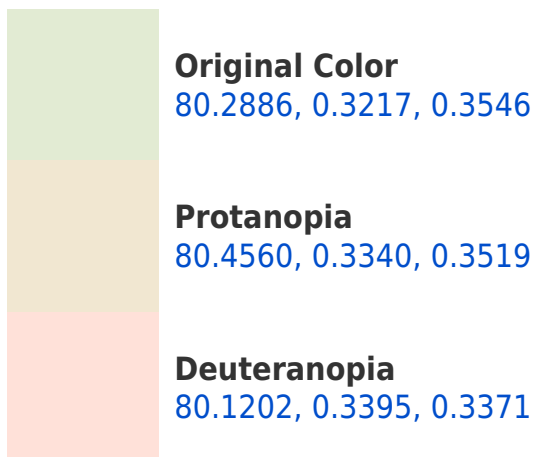


This preview shows how white text looks on a background with the Yxy color 80.2886, 0.3217, 0.3546.

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

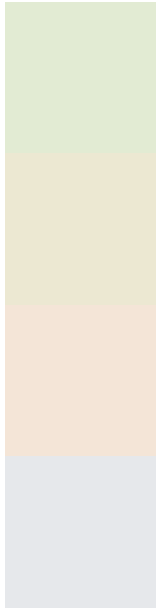




Tritanopia

80.5267, 0.3029, 0.3106

Trichromacy



Original Color

80.2886, 0.3217, 0.3546

Protanomaly

80.1992, 0.3296, 0.3521

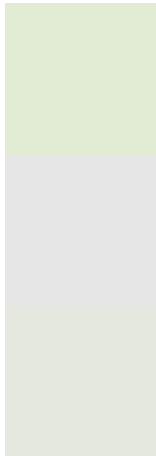
Deuteranomaly

80.1780, 0.3324, 0.3435

Tritanomaly

80.5344, 0.3095, 0.3259

Monochromacy



Original Color

80.2886, 0.3217, 0.3546

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.6990, 0.3164, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2886, 0.3217, 0.3546 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, 235, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 211)  
}
```

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, 235, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 211) }
```

Border

The CSS property to change the border of an element to Yxy 80.2886, 0.3217, 0.3546 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, 235, 211) }
```

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

```
.border{ border-color:rgb(226, 235, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2886, 0.3217, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 211) }
```

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

```
.background{ background-color: rgb(226,  
235, 211) }
```

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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