

Converting Colors

$Yxy(81.0105, 0.3363, 0.3739)$

Have a look what the booklet for
Yxy(81.0105, 0.3363, 0.3739)
contains.

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Color

Yxy(80.8749, 0.3359, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	E7ECC2
RGB	231, 236, 194
RGB Percent	91%, 93%, 76%
CMY	0.0943, 0.0744, 0.2393
CMYK	0.02, 0.00, 0.18, 0.07
HSL	67°, 53%, 84%
HSV	67°, 18%, 93%
XYZ	72.6749, 80.8749, 62.8089
YIQ	229.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

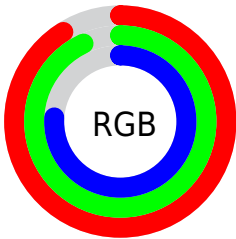
Format	Color
R_{YB}	194, 236, 199
Decimal	15199426
CIE _{Lab}	92.08, -8.63, 19.85
CIE _{LCh}	92, 21.645, 113.502
Yxy	80.8749, 0.3359, 0.3738
Android (android.graphics.Color)	4293389506 (0xFFE7ECC2)
YUV	229.7170, -17.6085, 1.1252
Hunter-Lab	89.9305, -13.1283, 21.5422

Details

The Yxy color **80.8749, 0.3359, 0.3738** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.7837, 0.2870, 0.2810**, and the grayscale version is **79.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **43.6499, 0.3410, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **79.4313, 0.3490, 0.3999**, and if you desaturate by 10%, it is **82.5018, 0.3228, 0.3482**.

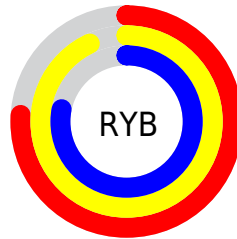
Distribution



Red (91%)

Green (93%)

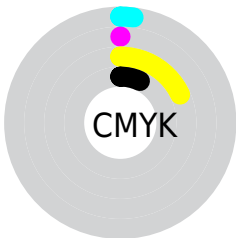
Blue (76%)



Red (76%)

Yellow (93%)

Blue (78%)

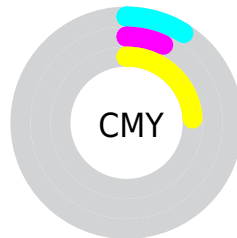


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8749, 0.3359, 0.3738 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 80.8749, 0.3359, 0.3738 by changing the saturation by 10% instead.

80.8749, 0.3359,
0.3738

80.8749, 0.3359,
0.3738

497.8764, 0.3256,
0.3531

60.4386, 0.3382,
0.3785

134.5951, 0.3324,
0.3667

43.7722, 0.3409,
0.3843

168.6478, 0.3310,
0.3639

30.4915, 0.3443,
0.3916

208.0080, 0.3298,
0.3615

20.2119, 0.3485,
0.4010

253.0602, 0.3288,
0.3594

12.5492, 0.3540,
0.4138

304.1887, 0.3278,
0.3575

7.1189, 0.3613,
0.4319

361.7780, 0.3270,

3.5366, 0.3711,

0.3559

426.2125, 0.3262,
0.3544

0.4591

1.4179, 0.4208,
0.5528

0.2298, 0.0325,
0.9675

80.8749, 0.3359,
0.3738

80.8749, 0.3359,
0.3738

79.4313, 0.3490,
0.3999

82.5018, 0.3228,
0.3482

78.1522, 0.3615,
0.4256


84.3087, 0.3099,
0.3238

77.0327, 0.3729,
0.4500


85.6594, 0.3035,
0.3101


76.0633, 0.3828,
0.4721

86.1600, 0.3053,
0.3102


 75.2337, 0.3904,
0.4909


 86.6685, 0.3071,
0.3104

 74.5318, 0.3955,
0.5054

 87.1849, 0.3090,
0.3105

 73.9439, 0.3980,
0.5155

 87.7091, 0.3109,
0.3106

 73.4509, 0.3981,
0.5212

 88.2414, 0.3127,
0.3107

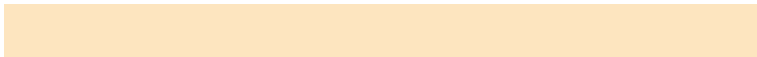
 73.3493, 0.3979,
0.5222

 88.4831, 0.3136,
0.3107

Harmonies

Analogous

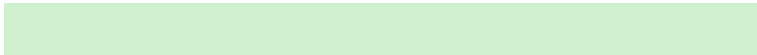
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8749, 0.3551, 0.3678



80.8749, 0.3359, 0.3738



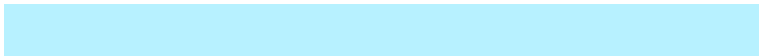
80.8749, 0.3110, 0.3668

Triad

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



80.8749, 0.3359, 0.3738



80.8749, 0.2650, 0.3033



80.8749, 0.3379, 0.3105

Complementary

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



80.8749, 0.3359, 0.3738



56.7837, 0.2870, 0.2810

Split Complementary

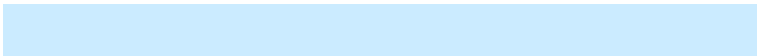
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8749, 0.3128, 0.2949



80.8749, 0.3359, 0.3738



80.8749, 0.2714, 0.2901

Square

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



80.8749, 0.3359, 0.3738



80.8749, 0.2707, 0.3245



80.8749, 0.2886, 0.2874



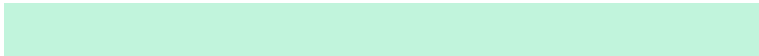
80.8749, 0.3565, 0.3309

Rectangle

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



80.8749, 0.3359, 0.3738



80.8749, 0.2946, 0.3554



80.8749, 0.2886, 0.2874



80.8749, 0.3299, 0.3046

Sweetspot

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



80.8785, 0.3359, 0.3738



98.9154, 0.3192, 0.3413



62.5267, 0.3463, 0.3345



21.1403, 0.3201, 0.3430



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.



80.8785, 0.3359, 0.3738



95.8140, 0.3402, 0.3823



77.6136, 0.3213, 0.3759



17.5294, 0.3249, 0.3524



40.4613, 0.3983, 0.5220



3.2032, 0.4014, 0.5195

Inverse Universe

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



56.7837, 0.2870, 0.2810



62.5999, 0.2816, 0.2711



59.8354, 0.3025, 0.2832



14.6359, 0.2998, 0.3048



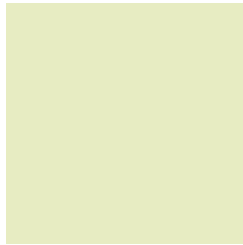
3.5069, 0.1545, 0.0625



0.3038, 0.1638, 0.0676

Previews

White Background



This preview shows how the Yxy color 80.8749, 0.3359, 0.3738 looks on a white background.

Color Contrast Check

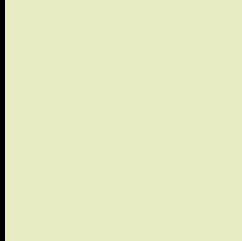
Large Text (above 18pt) WCAG AA × Fail

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 80.8749, 0.3359, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

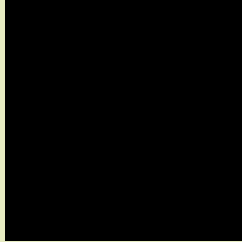
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

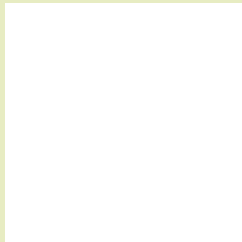
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8749, 0.3359, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 80.8749, 0.3359, 0.3738.

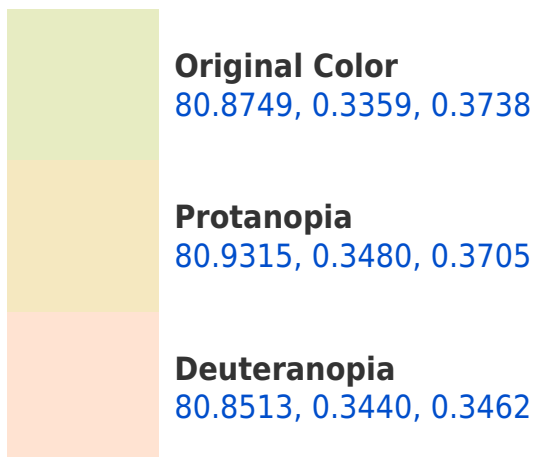


This preview shows how white text looks on a background with the Yxy color 80.8749, 0.3359, 0.3738.

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

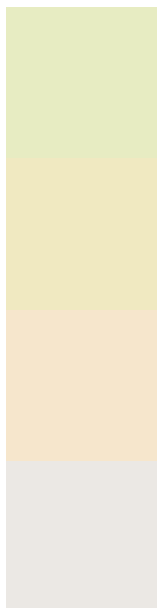




Tritanopia

80.9312, 0.3075, 0.3108

Trichromacy



Original Color

80.8749, 0.3359, 0.3738

Protanomaly

80.6533, 0.3435, 0.3709

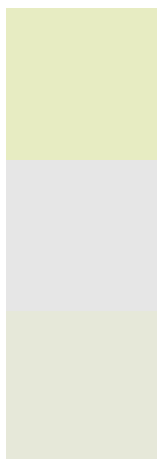
Deuteranomaly

80.5461, 0.3411, 0.3558

Tritanomaly

80.9768, 0.3173, 0.3332

Monochromacy



Original Color

80.8749, 0.3359, 0.3738

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.5460, 0.3209, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8749, 0.3359, 0.3738 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(231, 236, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 194)  
}
```

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(231, 236, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 194) }
```

Border

The CSS property to change the border of an element to Yxy 80.8749, 0.3359, 0.3738 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(231, 236, 194) }
```

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

```
.border{ border-color:rgb(231, 236, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8749, 0.3359, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 194) }
```

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

```
.background{ background-color: rgb(231,  
236, 194) }
```

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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