

Converting Colors

$Yxy(81.8762, 0.3189, 0.3381)$

Have a look what the booklet for
Yxy(81.8762, 0.3189, 0.3381)
contains.

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Color

Yxy(81.9440, 0.3191, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	EBEAE1
RGB	235, 234, 225
RGB Percent	92%, 92%, 88%
CMY	0.0781, 0.0824, 0.1176
CMYK	0.00, 0.00, 0.04, 0.08
HSL	53°, 20%, 90%
HSV	53°, 4%, 92%
XYZ	77.2933, 81.9440, 82.9856
YIQ	233.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

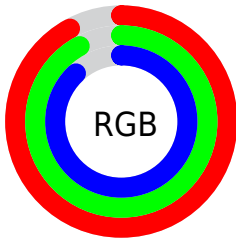
Format	Color
R_{YB}	226, 235, 225
Decimal	15461089
CIE Lab	92.55, -1.19, 4.47
CIE LCh	93, 4.622, 104.898
Yxy	81.9440, 0.3191, 0.3383
Android (android.graphics.Color)	4293651169 (0xFFEBEAE1)
YUV	233.2730, -4.0786, 1.5146
Hunter-Lab	90.5229, -6.0023, 9.0128

Details

The Yxy color **81.9440, 0.3191, 0.3383** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4614, 0.3063, 0.3195**, and the grayscale version is **81.7409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3268, 0.3201, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **79.3110, 0.3346, 0.3607**, and if you desaturate by 10%, it is **84.7816, 0.3045, 0.3169**.

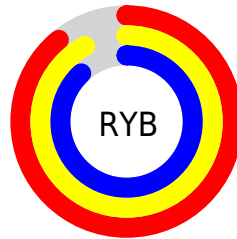
Distribution



Red (92%)

Green (92%)

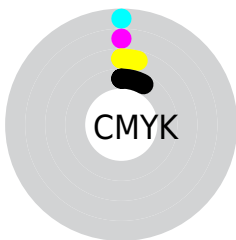
Blue (88%)



Red (89%)

Yellow (92%)

Blue (88%)

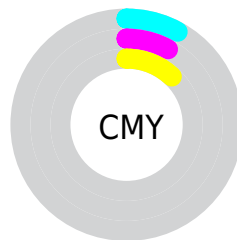


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9440, 0.3191, 0.3383 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 81.9440, 0.3191, 0.3383 by changing the saturation by 10% instead.

81.9440, 0.3191,
0.3383

81.9440, 0.3191,
0.3383

501.4604, 0.3162,
0.3341

61.3194, 0.3197,
0.3392

136.0955, 0.3181,
0.3369

44.4830, 0.3205,
0.3404

170.3911, 0.3177,
0.3363

31.0504, 0.3215,
0.3419

210.0125, 0.3174,
0.3358

20.6372, 0.3228,
0.3438

255.3441, 0.3171,
0.3354

12.8591, 0.3245,
0.3463

306.7703, 0.3168,
0.3350

7.3316, 0.3269,
0.3499

364.6755, 0.3166,

3.6703, 0.3306,

0.3347

0.3554

429.4440, 0.3164,
0.3344

■ 1.4909, 0.3367,
0.3647

■ 0.2823, 0.4588,
0.5412

■ 81.9440, 0.3191,
0.3383

■ 81.9440, 0.3191,
0.3383

■ 79.3110, 0.3346,
0.3607

■ 84.7816, 0.3045,
0.3169

■ 76.8646, 0.3508,
0.3835

■ 86.6743, 0.3006,
0.3131


■ 74.6008, 0.3672,
0.4061

■ 88.1777, 0.3006,
0.3156

■ 72.5112, 0.3833,
0.4277


■ 89.7022, 0.3006,
0.3182


 70.5866, 0.3984,
0.4473


 91.2479, 0.3006,
0.3208


 68.8172, 0.4120,
0.4637

 92.8149, 0.3006,
0.3233


 67.1916, 0.4233,
0.4763

 94.4033, 0.3006,
0.3258

 65.6969, 0.4319,
0.4845

 96.0132, 0.3006,
0.3283

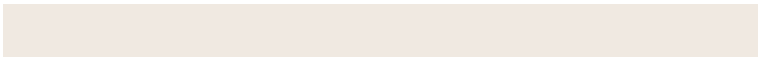
 64.3172, 0.4377,
0.4882

 96.4147, 0.3006,
0.3290

Harmonies

Analogous

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



81.9440, 0.3224, 0.3366



81.9440, 0.3191, 0.3383



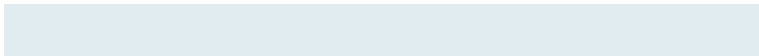
81.9440, 0.3141, 0.3375

Triad

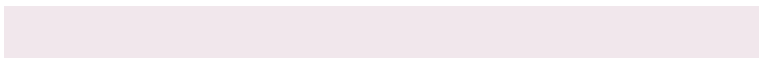
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9440, 0.3191, 0.3383



81.9440, 0.3024, 0.3249



81.9440, 0.3167, 0.3238

Complementary

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



81.9440, 0.3191, 0.3383



76.4614, 0.3063, 0.3195

Split Complementary

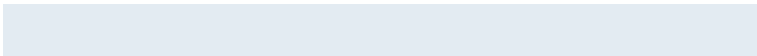
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9440, 0.3113, 0.3208



81.9440, 0.3191, 0.3383



81.9440, 0.3031, 0.3214

Square

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



81.9440, 0.3191, 0.3383



81.9440, 0.3045, 0.3297



81.9440, 0.3063, 0.3199



81.9440, 0.3210, 0.3283

Rectangle

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



81.9440, 0.3191, 0.3383



81.9440, 0.3105, 0.3356



81.9440, 0.3063, 0.3199



81.9440, 0.3149, 0.3226

Sweetspot

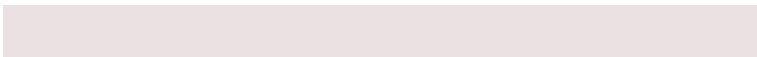
The Sweet Spot groups the original color and five complimentary colors.



81.9476, 0.3191, 0.3383



99.6606, 0.3142, 0.3312



77.0336, 0.3190, 0.3278



21.3351, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



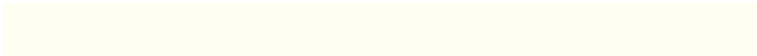
21.4041, 0.3127, 0.3290

Same Dimension

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



81.9476, 0.3191, 0.3383



98.3271, 0.3202, 0.3399



81.9208, 0.3164, 0.3395



17.5492, 0.3212, 0.3414



35.4676, 0.4397, 0.4891



2.8650, 0.4365, 0.4916

Inverse Universe

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



76.4614, 0.3063, 0.3195



90.6217, 0.3051, 0.3178



76.4967, 0.3089, 0.3185



15.9976, 0.3041, 0.3163



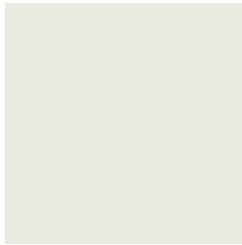
3.8255, 0.1522, 0.0678



0.3882, 0.1569, 0.0848

Previews

White Background



This preview shows how the Yxy color 81.9440, 0.3191, 0.3383 looks on a white background.

Color Contrast Check

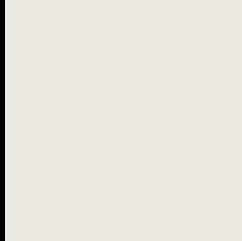
Large Text (above 18pt) WCAG AA × Fail

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 81.9440, 0.3191, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

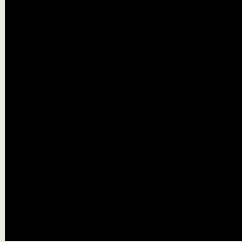
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

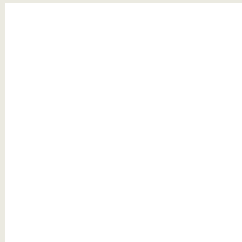
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9440, 0.3191, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 81.9440, 0.3191, 0.3383.

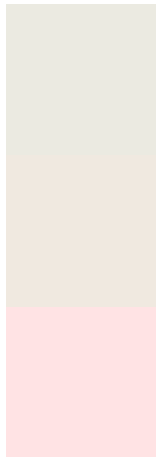


This preview shows how white text looks on a background with the Yxy color 81.9440, 0.3191, 0.3383.

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

81.9440, 0.3191, 0.3383

Protanopia

82.1849, 0.3232, 0.3383

Deuteranopia

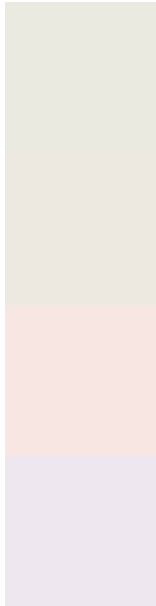
81.7996, 0.3317, 0.3281



Tritanopia

81.7839, 0.3069, 0.3099

Trichromacy



Original Color

81.9440, 0.3191, 0.3383

Protanomaly

81.8368, 0.3218, 0.3383

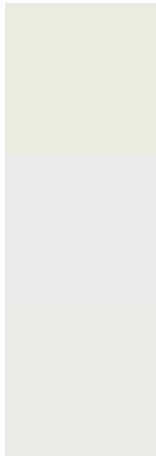
Deuteranomaly

82.0961, 0.3271, 0.3321

Tritanomaly

81.6202, 0.3118, 0.3198

Monochromacy



Original Color

81.9440, 0.3191, 0.3383

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4834, 0.3153, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9440, 0.3191, 0.3383 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(235, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 234, 225) }
```

Border

The CSS property to change the border of an element to Yxy 81.9440, 0.3191, 0.3383 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(235, 234, 225) }
```

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

```
.border{ border-color:rgb(235, 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(235, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 234,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9440, 0.3191, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 234, 225) }
```

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

```
.background{ background-color: rgb(235,  
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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