

Converting Colors

$Yxy(80.9719, 0.3229, 0.3371)$

Have a look what the booklet for
Yxy(80.9719, 0.3229, 0.3371)
contains.

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Color

Yxy(80.8303, 0.3234, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	EFE7DF
RGB	239, 231, 223
RGB Percent	94%, 91%, 87%
CMY	0.0626, 0.0941, 0.1256
CMYK	0.00, 0.03, 0.07, 0.06
HSL	30°, 33%, 91%
HSV	30°, 7%, 94%
XYZ	77.4993, 80.8303, 81.3096
YIQ	232.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

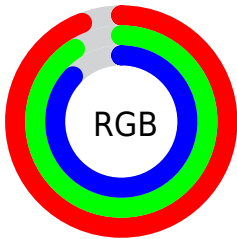
Format	Color
R _Y B	239, 239, 223
Decimal	15722463
CIE Lab	92.06, 1.36, 4.85
CIE LCh	92, 5.039, 74.400
Yxy	80.8303, 0.3234, 0.3373
Android (android.graphics.Color)	4293912543 (0xFFEFE7DF)
YUV	232.4800, -4.6736, 5.7180
Hunter-Lab	89.9057, -3.4667, 9.3128

Details

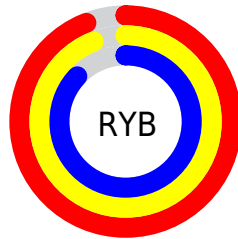
The Yxy color **80.8303, 0.3234, 0.3373** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0822, 0.3024, 0.3206**, and the grayscale version is **81.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.5544, 0.3257, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **73.1605, 0.3412, 0.3503**, and if you desaturate by 10%, it is **89.1475, 0.3079, 0.3251**.

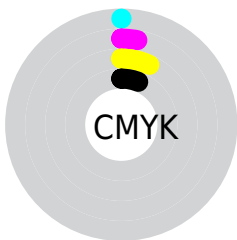
Distribution



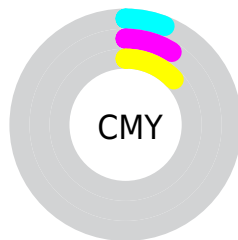
- Red (94%)
- Green (91%)
- Blue (87%)



- Red (94%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8303, 0.3234, 0.3373 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 80.8303, 0.3234, 0.3373 by changing the saturation by 10% instead.

 80.8303, 0.3234,
0.3373

 80.8303, 0.3234,
0.3373


497.7266, 0.3185,
0.3335

 60.4018, 0.3245,
0.3381


134.5325, 0.3217,
0.3360

 43.7426, 0.3258,
0.3392


168.5750, 0.3211,
0.3355

 30.4682, 0.3275,
0.3405


207.9243, 0.3205,
0.3351

 20.1942, 0.3297,
0.3421

252.9648, 0.3200,
0.3347

 12.5363, 0.3326,
0.3444

304.0808, 0.3196,
0.3344

 7.1100, 0.3368,
0.3475

361.6569, 0.3192,

 3.5310, 0.3432,

0.3341

0.3523

426.0774, 0.3189,
0.3338

■ 1.4148, 0.3541,
0.3603

■ 0.2276, 0.5229,
0.4771

■ 80.8303, 0.3234,
0.3373

■ 80.8303, 0.3234,
0.3373

■ 73.1605, 0.3412,
0.3503

■ 89.1475, 0.3079,
0.3251

■ 66.1109, 0.3614,
0.3638

■ 97.0590, 0.3030,
0.3289

■ 59.6676, 0.3842,
0.3773

■ 97.0982, 0.3030,
0.3290

■ 53.8120, 0.4093,
0.3904

■ 48.5246, 0.4362,
0.4019

■ 43.7843, 0.4641,
0.4107

■ 39.5684, 0.4913,
0.4156

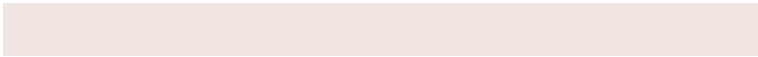
■ 35.8514, 0.5162,
0.4153

■ 32.6039, 0.5370,
0.4094

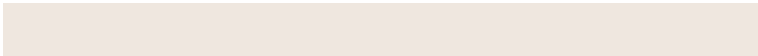
Harmonies

Analogous

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



80.8303, 0.3241, 0.3332



80.8303, 0.3234, 0.3373



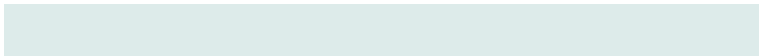
80.8303, 0.3198, 0.3392

Triad

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



80.8303, 0.3234, 0.3373



80.8303, 0.3037, 0.3298



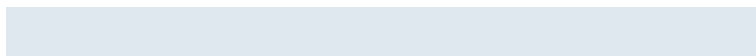
80.8303, 0.3111, 0.3200

Complementary

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



80.8303, 0.3234, 0.3373



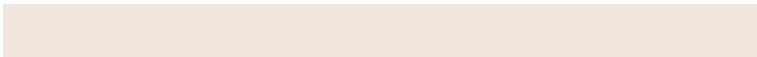
79.0822, 0.3024, 0.3206

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.



80.8303, 0.3057, 0.3190



80.8303, 0.3234, 0.3373



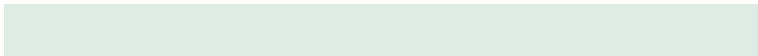
80.8303, 0.3015, 0.3246

Square

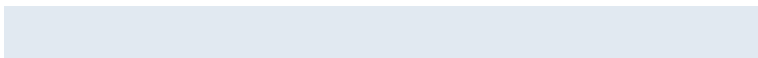
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8303, 0.3234, 0.3373



80.8303, 0.3084, 0.3349



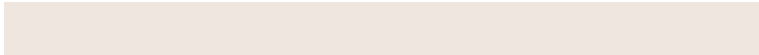
80.8303, 0.3021, 0.3207



80.8303, 0.3170, 0.3233

Rectangle

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



80.8303, 0.3234, 0.3373



80.8303, 0.3162, 0.3389



80.8303, 0.3021, 0.3207



80.8303, 0.3091, 0.3193

Sweetspot

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



80.8338, 0.3234, 0.3373



98.0570, 0.3158, 0.3314



76.9048, 0.3186, 0.3205



21.0087, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



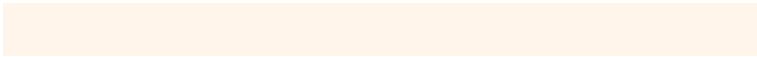
21.4041, 0.3127, 0.3290

Same Dimension

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



80.8338, 0.3234, 0.3373



92.4089, 0.3256, 0.3390



85.2860, 0.3227, 0.3452



17.0625, 0.3281, 0.3408



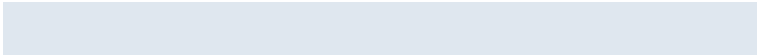
17.7350, 0.5409, 0.4087



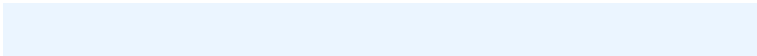
1.6744, 0.5206, 0.4248

Inverse Universe

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



79.0822, 0.3024, 0.3206



90.0080, 0.3003, 0.3188



74.8230, 0.3024, 0.3123



16.5368, 0.2980, 0.3169



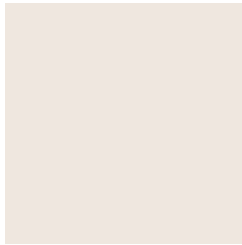
11.0893, 0.1773, 0.1581



1.1215, 0.1839, 0.1819

Previews

White Background



This preview shows how the Yxy color 80.8303, 0.3234, 0.3373 looks on a white background.

Color Contrast Check

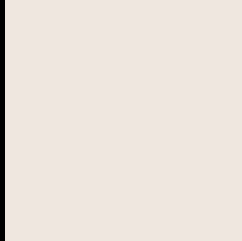
Large Text (above 18pt) WCAG AA × Fail

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 80.8303, 0.3234, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

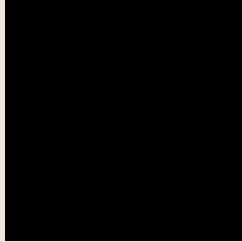
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

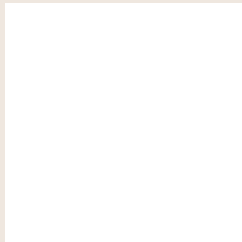
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8303, 0.3234, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 80.8303, 0.3234, 0.3373.

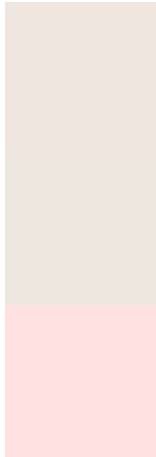


This preview shows how white text looks on a background with the Yxy color 80.8303, 0.3234, 0.3373.

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

80.8303, 0.3234, 0.3373

Protanopia

80.6567, 0.3227, 0.3373

Deuteranopia

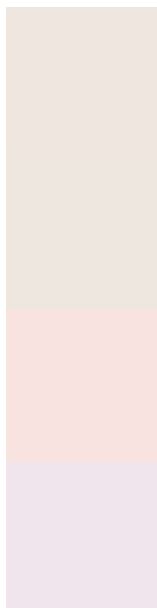
80.5467, 0.3340, 0.3291



Tritanopia

80.9566, 0.3115, 0.3119

Trichromacy



Original Color

80.8303, 0.3234, 0.3373

Protanomaly

80.6567, 0.3227, 0.3373

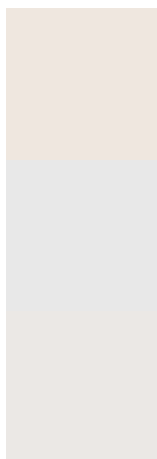
Deuteranomaly

80.4597, 0.3301, 0.3321

Tritanomaly

80.8538, 0.3158, 0.3209

Monochromacy



Original Color

80.8303, 0.3234, 0.3373

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0325, 0.3167, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8303, 0.3234, 0.3373 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(239, 231, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 231, 223)  
}
```

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(239, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 231, 223) }
```

Border

The CSS property to change the border of an element to Yxy 80.8303, 0.3234, 0.3373 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(239, 231, 223) }
```

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

```
.border{ border-color:rgb(239, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 231,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8303, 0.3234, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 231, 223) }
```

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

```
.background{ background-color: rgb(239,  
231, 223) }
```

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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