

Converting Colors

$Yxy(80.7044, 0.3423, 0.3751)$

Have a look what the booklet for
Yxy(80.7044, 0.3423, 0.3751)
contains.

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Color

Yxy(80.6118, 0.3425, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	EDEABF
RGB	237, 234, 191
RGB Percent	93%, 92%, 75%
CMY	0.0707, 0.0823, 0.2510
CMYK	0.00, 0.01, 0.19, 0.07
HSL	56°, 56%, 84%
HSV	56°, 19%, 93%
XYZ	73.7434, 80.6118, 60.9541
YIQ	229.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

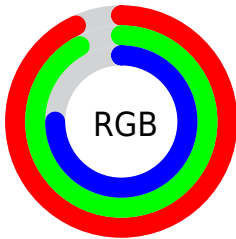
Format	Color
RYB	194, 237, 191
Decimal	15592127
CIELab	91.96, -5.90, 21.30
CIELCh	92, 22.104, 105.471
Yxy	80.6118, 0.3425, 0.3744
Android (android.graphics.Color)	4293782207 (0xFFEDEABF)
YUV	229.9950, -19.2245, 6.1434
Hunter-Lab	89.7841, -10.5126, 22.5971

Details

The Yxy color **80.6118, 0.3425, 0.3744** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.7454, 0.2806, 0.2792**, and the grayscale version is **79.2618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **43.4707, 0.3497, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **78.7913, 0.3584, 0.3982**, and if you desaturate by 10%, it is **82.6157, 0.3269, 0.3507**.

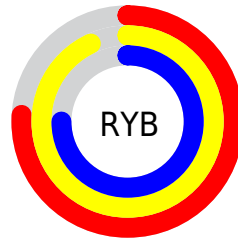
Distribution



Red (93%)

Green (92%)

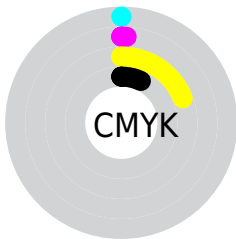
Blue (75%)



Red (76%)

Yellow (93%)

Blue (75%)

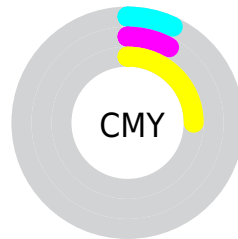


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (8%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.6118, 0.3425, 0.3744 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 80.6118, 0.3425, 0.3744 by changing the saturation by 10% instead.


 80.6118, 0.3425,
0.3744

 80.6118, 0.3425,
0.3744

496.9923, 0.3291,
0.3536

 60.2219, 0.3454,
0.3791


 134.2256, 0.3380,
0.3672

 43.5975, 0.3490,
0.3849

168.2182, 0.3362,
0.3644

 30.3542, 0.3534,
0.3921


207.5139, 0.3346,
0.3620

 20.1076, 0.3590,
0.4015

252.4971, 0.3332,
0.3599

 12.4733, 0.3663,
0.4141

303.5522, 0.3320,
0.3580

 7.0669, 0.3761,
0.4316

361.0634, 0.3310,

 3.5040, 0.3896,

0.3564

0.4576

425.4153, 0.3300,
0.3549

■ 1.4002, 0.4498,
0.5502

■ 0.2168, 0.2228,
0.7772

■ 80.6118, 0.3425,
0.3744

■ 80.6118, 0.3425,
0.3744

■ 78.7913, 0.3584,
0.3982

■ 82.6157, 0.3269,
0.3507

■ 77.1353, 0.3740,
0.4212


■ 84.7999, 0.3118,
0.3277

■ 75.6387, 0.3887,
0.4426


■ 86.7107, 0.3018,
0.3126

■ 74.2918, 0.4020,
0.4612


■ 87.6045, 0.3018,
0.3142


 73.0839, 0.4131,
0.4762


 88.5058, 0.3018,
0.3157


 72.0028, 0.4217,
0.4870


 89.4147, 0.3018,
0.3172


 71.0339, 0.4276,
0.4933

 90.3311, 0.3018,
0.3188

 70.1542, 0.4310,
0.4957

 91.2551, 0.3018,
0.3203

 70.1031, 0.4312,
0.4958

 92.1867, 0.3018,
0.3218

Harmonies

Analogous

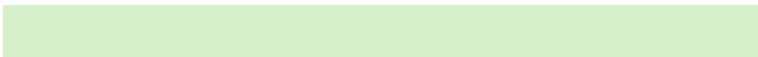
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6118, 0.3595, 0.3650



80.6118, 0.3425, 0.3744



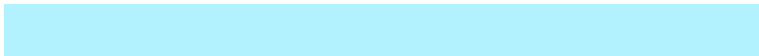
80.6118, 0.3179, 0.3709

Triad

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



80.6118, 0.3425, 0.3744



80.6118, 0.2643, 0.3079



80.6118, 0.3319, 0.3052

Complementary

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



80.6118, 0.3425, 0.3744



55.7454, 0.2806, 0.2792

Split Complementary

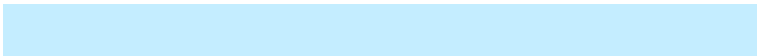
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6118, 0.3058, 0.2912



80.6118, 0.3425, 0.3744



80.6118, 0.2676, 0.2919

Square

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



80.6118, 0.3425, 0.3744



80.6118, 0.2733, 0.3310



80.6118, 0.2825, 0.2862



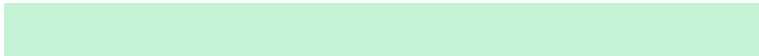
80.6118, 0.3534, 0.3251

Rectangle

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



80.6118, 0.3425, 0.3744



80.6118, 0.3007, 0.3613



80.6118, 0.2825, 0.2862



80.6118, 0.3234, 0.2997

Sweetspot

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



80.6154, 0.3425, 0.3744



98.4275, 0.3217, 0.3428



59.1527, 0.3485, 0.3257



21.0319, 0.3227, 0.3443



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.



80.6154, 0.3425, 0.3744



94.3993, 0.3483, 0.3832



79.0719, 0.3279, 0.3796



17.4514, 0.3269, 0.3508



38.3588, 0.4310, 0.4960



3.0623, 0.4292, 0.4974

Inverse Universe

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



55.7454, 0.2806, 0.2792



60.3671, 0.2738, 0.2683



57.2045, 0.2951, 0.2778



14.7043, 0.2980, 0.3062



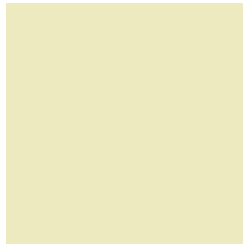
3.5925, 0.1512, 0.0641



0.3369, 0.1542, 0.0750

Previews

White Background



This preview shows how the Yxy color 80.6118, 0.3425, 0.3744 looks on a white background.

Color Contrast Check

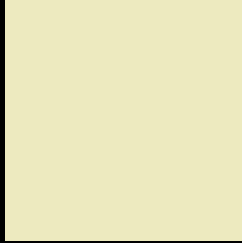
Large Text (above 18pt) WCAG AA × Fail

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 80.6118, 0.3425, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

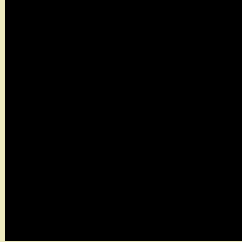
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

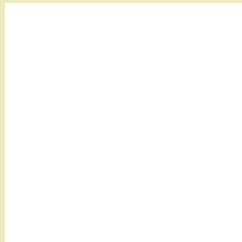
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6118, 0.3425, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 80.6118, 0.3425, 0.3744.

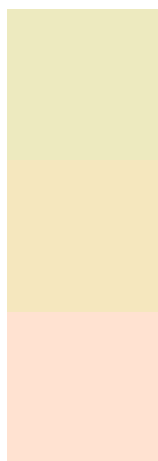


This preview shows how white text looks on a background with the Yxy color 80.6118, 0.3425, 0.3744.

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

80.6118, 0.3425, 0.3744

Protanopia

80.2820, 0.3496, 0.3716

Deuteranopia

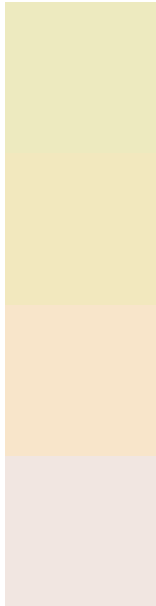
80.2562, 0.3449, 0.3462



Tritanopia

80.7029, 0.3135, 0.3120

Trichromacy



Original Color

80.6118, 0.3425, 0.3744

Protanomaly

80.3082, 0.3472, 0.3729

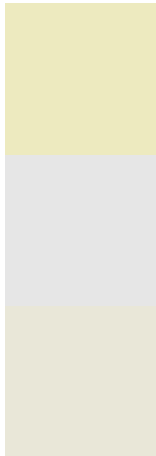
Deuteranomaly

80.2593, 0.3441, 0.3568

Tritanomaly

80.7306, 0.3235, 0.3342

Monochromacy



Original Color

80.6118, 0.3425, 0.3744

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.4333, 0.3237, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6118, 0.3425, 0.3744 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(237, 234, 191)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 191)  
}
```

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(237, 234, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 191) }
```

Border

The CSS property to change the border of an element to Yxy 80.6118, 0.3425, 0.3744 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(237, 234, 191) }
```

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

```
.border{ border-color:rgb(237, 234, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 191);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6118, 0.3425, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 191) }
```

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

```
.background{ background-color: rgb(237,  
234, 191) }
```

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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