

Converting Colors

$Yxy(79.7872, 0.3407, 0.3753)$

Have a look what the booklet for
Yxy(79.7872, 0.3407, 0.3753)
contains.

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Color

Yxy(80.0558, 0.3410, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	EAEABE
RGB	234, 234, 190
RGB Percent	92%, 92%, 75%
CMY	0.0824, 0.0823, 0.2550
CMYK	0.00, 0.00, 0.19, 0.08
HSL	60°, 51%, 83%
HSV	60°, 19%, 92%
XYZ	72.6424, 80.0558, 60.3294
YIQ	228.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

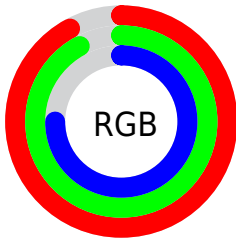
Format	Color
R _Y B	190, 234, 190
Decimal	15395518
CIE Lab	91.71, -7.12, 21.44
CIE LCh	92, 22.591, 108.376
Yxy	80.0558, 0.3410, 0.3758
Android (android.graphics.Color)	4293585598 (0xFFEAEABE)
YUV	228.9840, -19.2191, 4.3990
Hunter-Lab	89.4739, -11.6580, 22.6544

Details

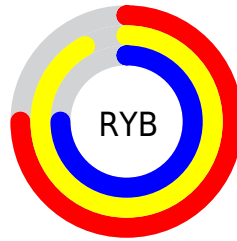
The Yxy color **80.0558, 0.3410, 0.3758** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.7114, 0.2816, 0.2775**, and the grayscale version is **78.4779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **43.0833, 0.3477, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **79.1140, 0.3562, 0.4009**, and if you desaturate by 10%, it is **81.1690, 0.3258, 0.3506**.

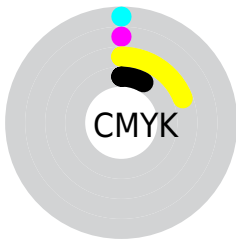
Distribution



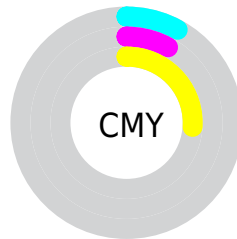
- Red (92%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)





- Cyan (8%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.0558, 0.3410, 0.3758 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 80.0558, 0.3410, 0.3758 by changing the saturation by 10% instead.

 80.0558, 0.3410,
0.3758

 80.0558, 0.3410,
0.3758


495.1209, 0.3283,
0.3542

 59.7643, 0.3438,
0.3807


 133.4442, 0.3367,
0.3684

 43.2287, 0.3472,
0.3867


167.3098, 0.3350,
0.3654

 30.0646, 0.3513,
0.3943


206.4690, 0.3335,
0.3629

 19.8876, 0.3566,
0.4040

251.3060, 0.3322,
0.3608

 12.3134, 0.3634,
0.4172

302.2053, 0.3311,
0.3588

 6.9575, 0.3726,
0.4357

359.5513, 0.3301,

 3.4355, 0.3849,

0.3571

0.4632

423.7283, 0.3292,
0.3556

■ 1.3631, 0.4415,
0.5585

■ 0.1893, 0.0310,
0.9690

■ 80.0558, 0.3410,
0.3758

■ 80.0558, 0.3410,
0.3758

■ 79.1140, 0.3562,
0.4009

■ 81.1690, 0.3258,
0.3506

■ 78.3251, 0.3708,
0.4252

■ 82.4502, 0.3110,
0.3262


■ 77.6842, 0.3843,
0.4476


■ 83.5711, 0.3000,
0.3079

■ 77.1821, 0.3961,
0.4671

■ 83.5740, 0.3000,
0.3079

 76.8083, 0.4057,
0.4829


 83.5770, 0.3000,
0.3079


 76.5513, 0.4127,
0.4945


 83.5799, 0.3000,
0.3079

 76.3971, 0.4170,
0.5017

 83.5829, 0.3000,
0.3079

 76.3248, 0.4190,
0.5051

 83.5858, 0.3000,
0.3079

 76.3184, 0.4192,
0.5054

 83.5888, 0.3000,
0.3079

Harmonies

Analogous

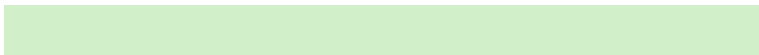
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0558, 0.3594, 0.3673



80.0558, 0.3410, 0.3758



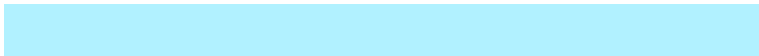
80.0558, 0.3154, 0.3709

Triad

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



80.0558, 0.3410, 0.3758



80.0558, 0.2630, 0.3053



80.0558, 0.3349, 0.3064

Complementary

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



80.0558, 0.3410, 0.3758



53.7114, 0.2816, 0.2775

Split Complementary

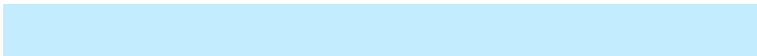
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0558, 0.3082, 0.2913



80.0558, 0.3410, 0.3758



80.0558, 0.2675, 0.2899

Square

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



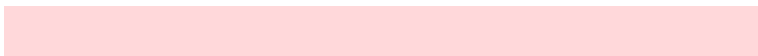
80.0558, 0.3410, 0.3758



80.0558, 0.2710, 0.3285



80.0558, 0.2838, 0.2852



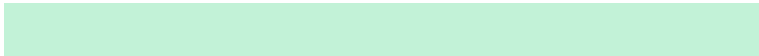
80.0558, 0.3561, 0.3272

Rectangle

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



80.0558, 0.3410, 0.3758



80.0558, 0.2980, 0.3602



80.0558, 0.2838, 0.2852



80.0558, 0.3262, 0.3005

Sweetspot

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



80.0594, 0.3410, 0.3758



99.0513, 0.3216, 0.3437



58.0324, 0.3496, 0.3291



21.1799, 0.3226, 0.3453



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.



80.0594, 0.3410, 0.3758



96.7732, 0.3475, 0.3866



76.5672, 0.3254, 0.3782



17.6264, 0.3268, 0.3523



42.8816, 0.4192, 0.5054



3.3674, 0.4192, 0.5053

Inverse Universe

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



53.7114, 0.2816, 0.2775



58.6466, 0.2735, 0.2640



56.7589, 0.2979, 0.2799



14.5495, 0.2980, 0.3046



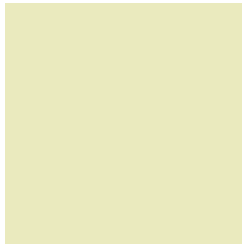
3.3391, 0.1500, 0.0600



0.2624, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 80.0558, 0.3410, 0.3758 looks on a white background.

Color Contrast Check

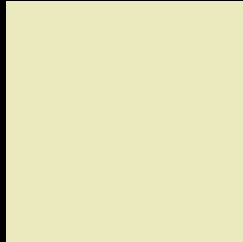
Large Text (above 18pt) WCAG AA × Fail

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 80.0558, 0.3410, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

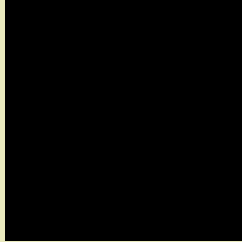
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

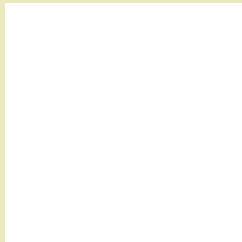
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.0558, 0.3410, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 80.0558, 0.3410, 0.3758.

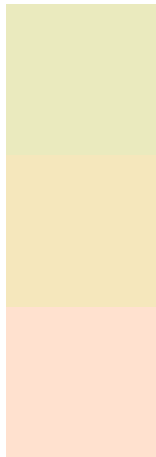


This preview shows how white text looks on a background with the Yxy color 80.0558, 0.3410, 0.3758.

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

80.0558, 0.3410, 0.3758

Protanopia

80.1951, 0.3509, 0.3737

Deuteranopia

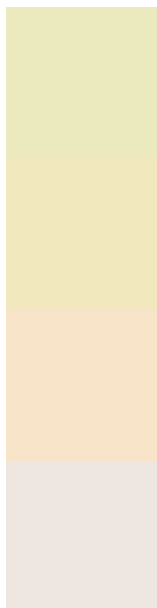
79.6154, 0.3465, 0.3473



Tritanopia

80.1706, 0.3115, 0.3118

Trichromacy



Original Color

80.0558, 0.3410, 0.3758

Protanomaly

80.0881, 0.3471, 0.3741

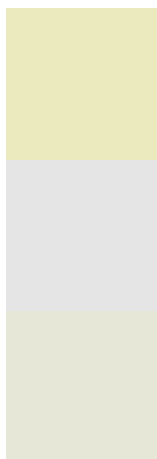
Deuteranomaly

79.4780, 0.3442, 0.3569

Tritanomaly

80.1526, 0.3221, 0.3352

Monochromacy



Original Color

80.0558, 0.3410, 0.3758

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.0470, 0.3230, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0558, 0.3410, 0.3758 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(234, 234, 190)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 190)  
}
```

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(234, 234, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 190) }
```

Border

The CSS property to change the border of an element to Yxy 80.0558, 0.3410, 0.3758 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(234, 234, 190) }
```

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

```
.border{ border-color:rgb(234, 234, 190) }
```

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

Here you see how a box with a 4 pixel rgb(234, 234, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 190);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0558, 0.3410, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 190) }
```

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

```
.background{ background-color: rgb(234,  
234, 190) }
```

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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