

Converting Colors

Yxy(80.7196, 0.3412, 0.3614)

Have a look what the booklet for
Yxy(80.7196, 0.3412, 0.3614)
contains.

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Color

Yxy(80.9380, 0.3412, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	F3E8C8
RGB	243, 232, 200
RGB Percent	95%, 91%, 78%
CMY	0.0473, 0.0901, 0.2157
CMYK	0.00, 0.04, 0.18, 0.05
HSL	45°, 64%, 87%
HSV	45°, 18%, 95%
XYZ	76.2242, 80.9380, 66.2382
YIQ	231.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

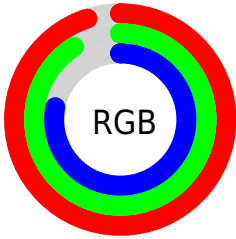
Format	Color
R_{YB}	215, 243, 200
Decimal	15984840
CIE _{Lab}	92.10, -1.43, 16.92
CIE _{LCh}	92, 16.982, 94.822
Yxy	80.9380, 0.3412, 0.3623
Android (android.graphics.Color)	4294174920 (0xFFFF3E8C8)
YUV	231.6410, -15.5990, 9.9618
Hunter-Lab	89.9655, -6.2037, 19.3229

Details

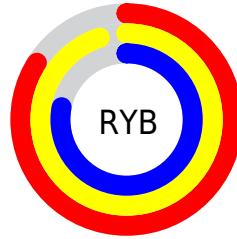
The Yxy color $80.9380, 0.3412, 0.3623$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $65.2752, 0.2842, 0.2933$, and the grayscale version is $80.5181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.6908, 0.3482, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $76.4834, 0.3590, 0.3819$, and if you desaturate by 10%, it is $85.7021, 0.3246, 0.3431$.

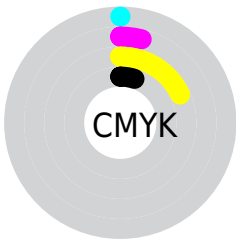
Distribution



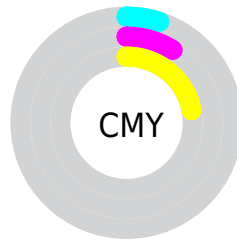
- Red (95%)
- Green (91%)
- Blue (78%)



- Red (84%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9380, 0.3412, 0.3623 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 80.9380, 0.3412, 0.3623 by changing the saturation by 10% instead.


 80.9380, 0.3412,
0.3623

 80.9380, 0.3412,
0.3623

498.0884, 0.3283,
0.3472

 60.4905, 0.3441,
0.3657


134.6837, 0.3368,
0.3571

 43.8141, 0.3476,
0.3699


168.7507, 0.3350,
0.3551

 30.5244, 0.3520,
0.3751


208.1264, 0.3335,
0.3533

 20.2370, 0.3576,
0.3818

253.1952, 0.3322,
0.3518

 12.5674, 0.3651,
0.3907

304.3413, 0.3311,
0.3504

 7.1314, 0.3754,
0.4032

361.9493, 0.3300,

 3.5444, 0.3904,

0.3492

0.4217

426.4035, 0.3291,
0.3481

■ 1.4221, 0.4344,
0.4736

■ 0.2329, 0.4447,
0.5553

■ 80.9380, 0.3412,
0.3623

■ 80.9380, 0.3412,
0.3623

■ 76.4834, 0.3590,
0.3819

■ 85.7021, 0.3246,
0.3431

■ 72.3177, 0.3777,
0.4013

■ 90.7740, 0.3093,
0.3248

■ 68.4341, 0.3968,
0.4197

■ 94.9614, 0.3054,
0.3246

■ 64.8213, 0.4156,
0.4361

■ 97.7822, 0.3053,
0.3290

■ 61.4668, 0.4333,
0.4494

■ 58.3567, 0.4489,
0.4586

■ 55.4747, 0.4618,
0.4629

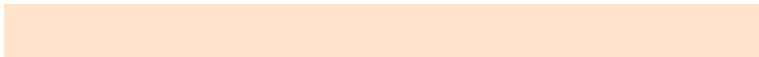
■ 52.7994, 0.4716,
0.4625

■ 52.2007, 0.4737,
0.4621

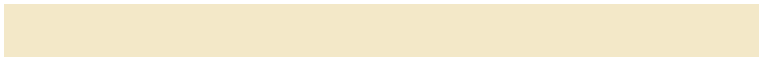
Harmonies

Analogous

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



80.9380, 0.3509, 0.3526



80.9380, 0.3412, 0.3623



80.9380, 0.3239, 0.3630

Triad

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



80.9380, 0.3412, 0.3623



80.9380, 0.2767, 0.3189



80.9380, 0.3206, 0.3060

Complementary

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



80.9380, 0.3412, 0.3623



65.2752, 0.2842, 0.2933

Split Complementary

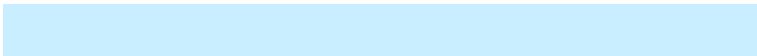
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9380, 0.3006, 0.2974



80.9380, 0.3412, 0.3623



80.9380, 0.2758, 0.3041

Square

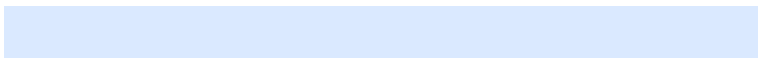
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9380, 0.3412, 0.3623



80.9380, 0.2869, 0.3373



80.9380, 0.2844, 0.2965



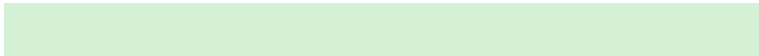
80.9380, 0.3388, 0.3203

Rectangle

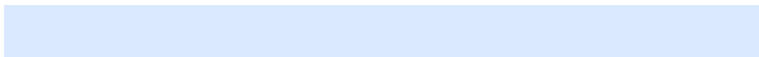
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9380, 0.3412, 0.3623



80.9380, 0.3107, 0.3579



80.9380, 0.2844, 0.2965



80.9380, 0.3138, 0.3024

Sweetspot

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



80.9416, 0.3412, 0.3623



97.1585, 0.3204, 0.3382



65.0687, 0.3381, 0.3170



20.7119, 0.3215, 0.3395



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.



80.9416, 0.3412, 0.3623



88.6510, 0.3471, 0.3689



85.5368, 0.3324, 0.3740



18.5597, 0.3275, 0.3466



28.8952, 0.4727, 0.4629



2.7030, 0.4645, 0.4694

Inverse Universe

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



65.2752, 0.2842, 0.2933



68.3219, 0.2783, 0.2857



61.4707, 0.2906, 0.2818



16.6102, 0.2979, 0.3108



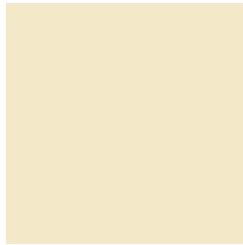
5.6043, 0.1582, 0.0895



0.6506, 0.1647, 0.1128

Previews

White Background



This preview shows how the Yxy color 80.9380, 0.3412, 0.3623 looks on a white background.

Color Contrast Check

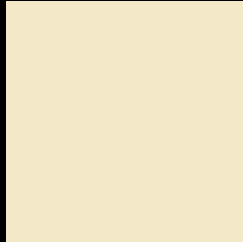
Large Text (above 18pt) WCAG AA × Fail

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 80.9380, 0.3412, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

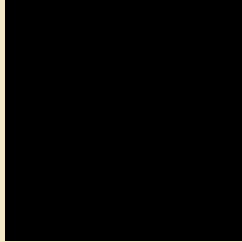
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9380, 0.3412, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 80.9380, 0.3412, 0.3623.

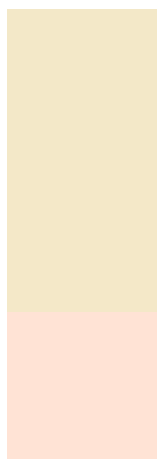


This preview shows how white text looks on a background with the Yxy color 80.9380, 0.3412, 0.3623.

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

80.9380, 0.3412, 0.3623

Protanopia

81.1165, 0.3420, 0.3622

Deuteranopia

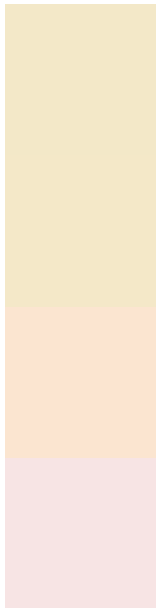
81.0023, 0.3420, 0.3432



Tritanopia

81.0641, 0.3170, 0.3111

Trichromacy



Original Color

80.9380, 0.3412, 0.3623

Protanomaly

81.1165, 0.3420, 0.3622

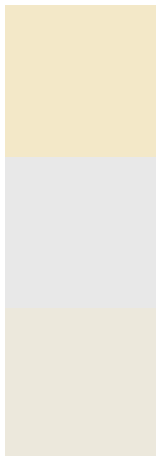
Deuteranomaly

81.1019, 0.3421, 0.3504

Tritanomaly

80.8624, 0.3260, 0.3290

Monochromacy



Original Color

80.9380, 0.3412, 0.3623

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.7134, 0.3231, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9380, 0.3412, 0.3623 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(243, 232, 200)` looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 200)  
}
```

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(243, 232, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 200) }
```

Border

The CSS property to change the border of an element to Yxy 80.9380, 0.3412, 0.3623 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(243, 232, 200) }
```

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

```
.border{ border-color:rgb(243, 232, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 232, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 232, 200);  
box-shadow:4px 4px 4px 4px rgb(243, 232,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9380, 0.3412, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 200) }
```

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

```
.background{ background-color: rgb(243,  
232, 200) }
```

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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