

Converting Colors

$Yxy(88.0380, 0.3233, 0.3312)$

Have a look what the booklet for
Yxy(88.0380, 0.3233, 0.3312)
contains.

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Color

Yxy(87.9006, 0.3233, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	FCEEEC
RGB	252, 238, 236
RGB Percent	99%, 93%, 93%
CMY	0.0118, 0.0666, 0.0745
CMYK	0.00, 0.06, 0.06, 0.01
HSL	8°, 73%, 96%
HSV	8°, 6%, 99%
XYZ	85.8558, 87.9006, 91.8043
YIQ	241.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

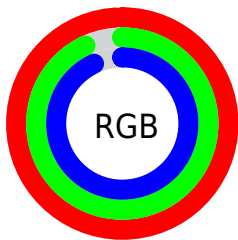
Format	Color
R _Y B	252, 238, 236
Decimal	16576236
CIE Lab	95.12, 4.37, 2.64
CIE LCh	95, 5.108, 31.139
Yxy	87.9006, 0.3233, 0.3310
Android (android.graphics.Color)	4294766316 (0xFFFC ^{EE} EE)
YUV	241.9580, -2.9373, 8.8068
Hunter-Lab	93.7553, -0.6117, 7.5725

Details

The Yxy color **87.9006, 0.3233, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.2217, 0.3029, 0.3270**, and the grayscale version is **88.7777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.3533, 0.3255, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **74.4822, 0.3431, 0.3344**, and if you desaturate by 10%, it is **99.4323, 0.3109, 0.3290**.

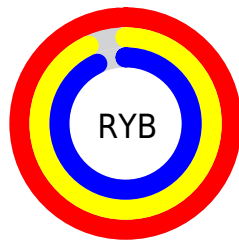
Distribution



Red (99%)

Green (93%)

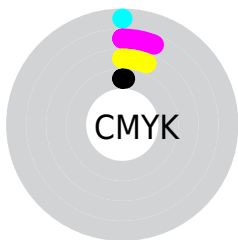
Blue (93%)



Red (99%)

Yellow (93%)

Blue (93%)

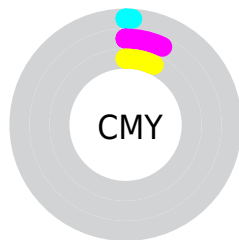


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9006, 0.3233, 0.3310 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 87.9006, 0.3233, 0.3310 by changing the saturation by 10% instead.

 87.9006, 0.3233,
0.3310

 87.9006, 0.3233,
0.3310


521.1777, 0.3186,
0.3301

 66.2408, 0.3244,
0.3312


144.4188, 0.3217,
0.3307

 48.4679, 0.3256,
0.3314


180.0459, 0.3210,
0.3306

 34.1975, 0.3272,
0.3317


221.0975, 0.3205,
0.3305

 23.0454, 0.3293,
0.3320

267.9581, 0.3200,
0.3304

 14.6270, 0.3320,
0.3325

321.0120, 0.3196,
0.3303

 8.5581, 0.3358,
0.3331

380.6436, 0.3192,

 4.4541, 0.3415,

0.3303

0.3340

447.2374, 0.3189,
0.3302

■ 1.9307, 0.3509,
0.3353

■ 0.5667, 0.3925,
0.3446

■ 87.9006, 0.3233,
0.3310

■ 87.9006, 0.3233,
0.3310

■ 74.4822, 0.3431,
0.3344

■ 99.4323, 0.3109,
0.3290

■ 62.7728, 0.3673,
0.3379

■ 52.7070, 0.3968,
0.3415

■ 44.2112, 0.4321,
0.3448

■ 37.2059, 0.4728,
0.3473

■ 31.6047, 0.5172,
0.3485

■ 27.3122, 0.5612,
0.3476

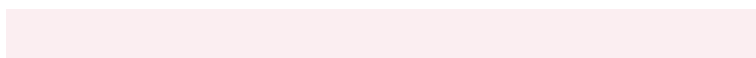
■ 24.2209, 0.5989,
0.3442

■ 22.2059, 0.6246,
0.3388

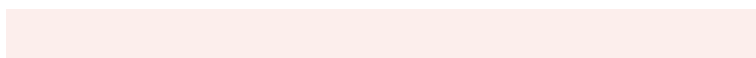
Harmonies

Analogous

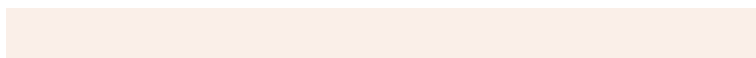
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9006, 0.3198, 0.3259



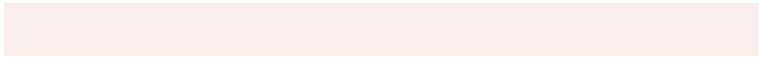
87.9006, 0.3233, 0.3310



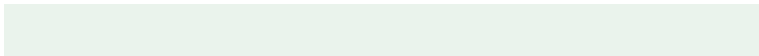
87.9006, 0.3240, 0.3356

Triad

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



87.9006, 0.3233, 0.3310



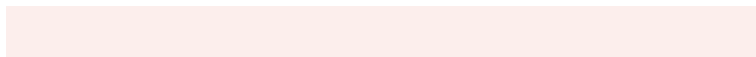
87.9006, 0.3110, 0.3365



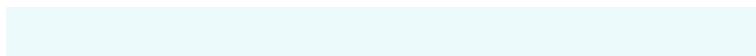
87.9006, 0.3039, 0.3196

Complementary

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



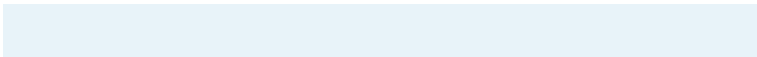
87.9006, 0.3233, 0.3310



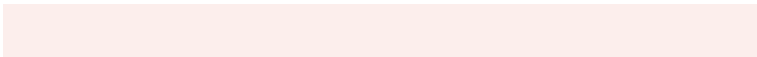
93.2217, 0.3029, 0.3270

Split Complementary

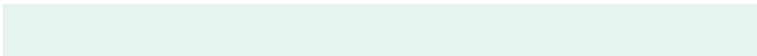
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9006, 0.3016, 0.3223



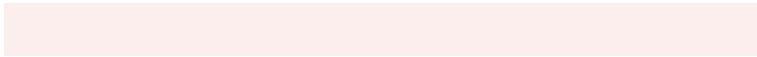
87.9006, 0.3233, 0.3310



87.9006, 0.3057, 0.3321

Square

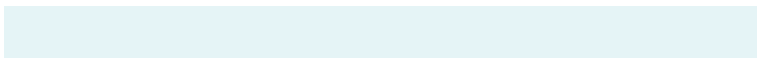
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9006, 0.3233, 0.3310



87.9006, 0.3168, 0.3389



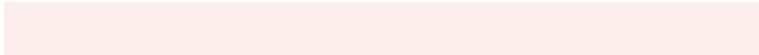
87.9006, 0.3023, 0.3269



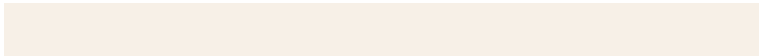
87.9006, 0.3086, 0.3193

Rectangle

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



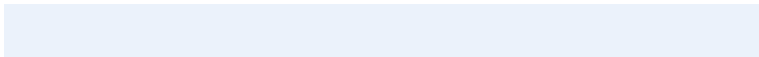
87.9006, 0.3233, 0.3310



87.9006, 0.3227, 0.3378



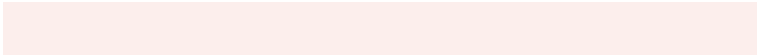
87.9006, 0.3023, 0.3269



87.9006, 0.3029, 0.3202

Sweetspot

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



87.9044, 0.3233, 0.3310



96.8625, 0.3159, 0.3296



87.5984, 0.3146, 0.3153



20.7655, 0.3157, 0.3296



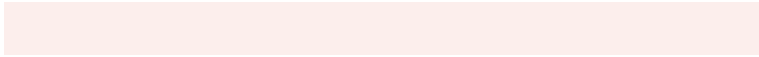
0.0000, 0.0000, 0.0000



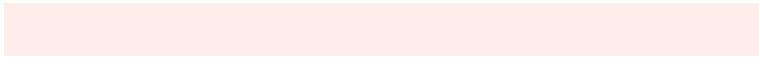
21.4041, 0.3127, 0.3290

Same Dimension

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



87.9044, 0.3233, 0.3310



87.8938, 0.3263, 0.3315



92.5754, 0.3226, 0.3387



17.5755, 0.3291, 0.3320



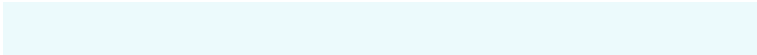
11.4191, 0.6293, 0.3385



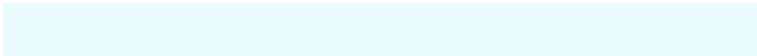
1.1649, 0.6115, 0.3526

Inverse Universe

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



93.2217, 0.3029, 0.3270



94.7142, 0.3003, 0.3264



88.4451, 0.3029, 0.3191



19.2156, 0.2980, 0.3259



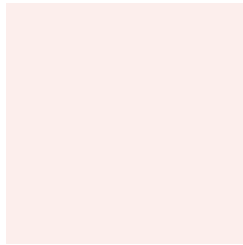
30.5923, 0.2136, 0.2889



2.9341, 0.2150, 0.2941

Previews

White Background



This preview shows how the Yxy color 87.9006, 0.3233, 0.3310 looks on a white background.

Color Contrast Check

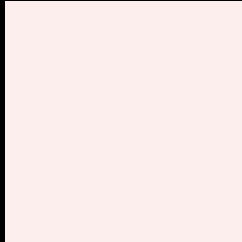
Large Text (above 18pt) WCAG AA × Fail

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 87.9006, 0.3233, 0.3310 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

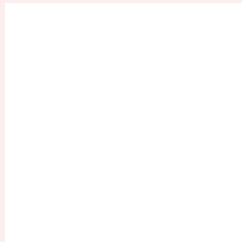
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9006, 0.3233, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 87.9006, 0.3233, 0.3310.

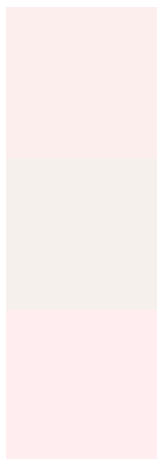


This preview shows how white text looks on a background with the Yxy color 87.9006, 0.3233, 0.3310.

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

87.9006, 0.3233, 0.3310

Protanopia

88.0274, 0.3185, 0.3320

Deuteranopia

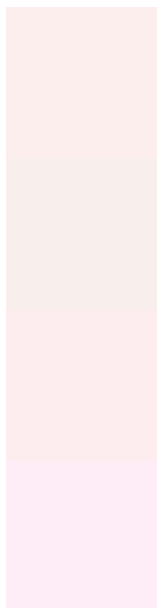
88.0604, 0.3235, 0.3271



Tritanopia

87.8324, 0.3142, 0.3107

Trichromacy



Original Color

87.9006, 0.3233, 0.3310

Protanomaly

87.8039, 0.3199, 0.3310

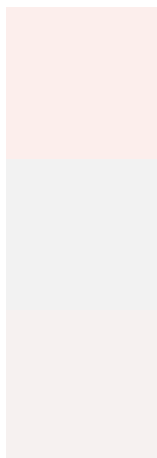
Deuteranomaly

87.8123, 0.3235, 0.3281

Tritanomaly

87.7771, 0.3179, 0.3183

Monochromacy



Original Color

87.9006, 0.3233, 0.3310

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7947, 0.3166, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9006, 0.3233, 0.3310 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(252, 238, 236)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 236)  
}
```

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(252, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 236) }
```

Border

The CSS property to change the border of an element to Yxy 87.9006, 0.3233, 0.3310 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(252, 238, 236) }
```

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

```
.border{ border-color:rgb(252, 238, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(252, 238,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9006, 0.3233, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 236) }
```

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

```
.background{ background-color: rgb(252,  
238, 236) }
```

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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