

Converting Colors

$Yxy(88.8674, 0.3210, 0.3376)$

Have a look what the booklet for
Yxy(88.8674, 0.3210, 0.3376)
contains.

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Color

Yxy(88.9803, 0.3208, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	F6F2E9
RGB	246, 242, 233
RGB Percent	96%, 95%, 91%
CMY	0.0355, 0.0509, 0.0862
CMYK	0.00, 0.02, 0.05, 0.04
HSL	42°, 42%, 94%
HSV	42°, 5%, 96%
XYZ	84.4523, 88.9803, 89.8227
YIQ	242.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

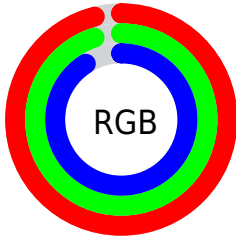
Format	Color
R _{YB}	239, 246, 233
Decimal	16184041
CIE Lab	95.57, -0.23, 4.79
CIE LCh	96, 4.798, 92.737
Yxy	88.9803, 0.3208, 0.3380
Android (android.graphics.Color)	4294374121 (0xFF6F2E9)
YUV	242.1700, -4.5208, 3.3589
Hunter-Lab	94.3294, -5.2668, 9.5732

Details

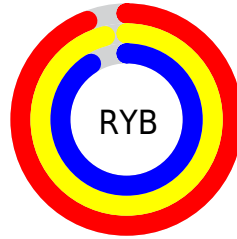
The Yxy color **88.9803, 0.3208, 0.3380** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5059, 0.3047, 0.3198**, and the grayscale version is **88.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2393, 0.3232, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **83.3252, 0.3374, 0.3558**, and if you desaturate by 10%, it is **94.8511, 0.3073, 0.3236**.

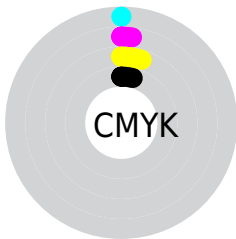
Distribution



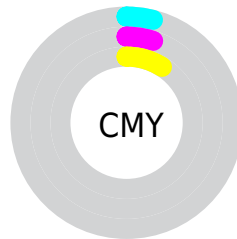
- Red (96%)
- Green (95%)
- Blue (91%)



- Red (94%)
- Yellow (96%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9803, 0.3208, 0.3380 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 88.9803, 0.3208, 0.3380 by changing the saturation by 10% instead.


 88.9803, 0.3208,
0.3380

 88.9803, 0.3208,
0.3380

524.7082, 0.3172,
0.3340

 67.1352, 0.3216,
0.3389


145.9212, 0.3196,
0.3366

 49.1945, 0.3226,
0.3400

181.7858, 0.3191,
0.3361

 34.7738, 0.3238,
0.3413


223.0923, 0.3187,
0.3356

 23.4887, 0.3253,
0.3430

270.2252, 0.3183,
0.3352

 14.9548, 0.3274,
0.3453

323.5688, 0.3180,
0.3349

 8.7876, 0.3302,
0.3485

383.5076, 0.3177,

 4.6029, 0.3344,

0.3345

0.3532

450.4259, 0.3174,
0.3342

■ 2.0162, 0.3412,
0.3608

■ 0.6169, 0.3785,
0.4021

■ 88.9803, 0.3208,
0.3380

■ 88.9803, 0.3208,
0.3380

■ 83.3252, 0.3374,
0.3558

■ 94.8511, 0.3073,
0.3236

■ 78.0329, 0.3554,
0.3742

■ 98.3226, 0.3071,
0.3290

■ 73.0967, 0.3747,
0.3926

■ 68.5049, 0.3948,
0.4103

■ 64.2453, 0.4153,
0.4264

■ 60.3043, 0.4351,
0.4397

■ 56.6670, 0.4533,
0.4491

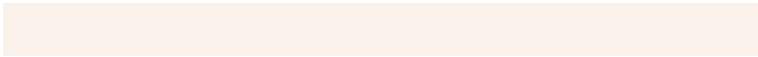
■ 53.3162, 0.4690,
0.4537

■ 50.2314, 0.4815,
0.4533

Harmonies

Analogous

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



88.9803, 0.3232, 0.3354



88.9803, 0.3208, 0.3380



88.9803, 0.3163, 0.3382

Triad

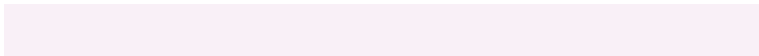
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9803, 0.3208, 0.3380



88.9803, 0.3028, 0.3268



88.9803, 0.3146, 0.3223

Complementary

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



88.9803, 0.3208, 0.3380



84.5059, 0.3047, 0.3198

Split Complementary

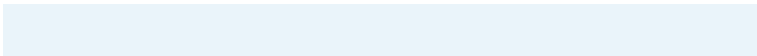
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9803, 0.3091, 0.3200



88.9803, 0.3208, 0.3380



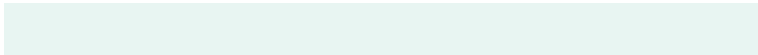
88.9803, 0.3024, 0.3225

Square

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



88.9803, 0.3208, 0.3380



88.9803, 0.3059, 0.3317



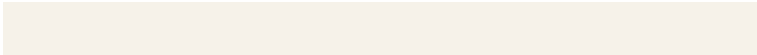
88.9803, 0.3047, 0.3201



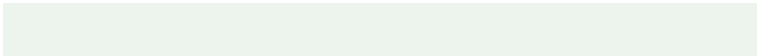
88.9803, 0.3196, 0.3264

Rectangle

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



88.9803, 0.3208, 0.3380



88.9803, 0.3126, 0.3369



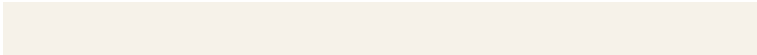
88.9803, 0.3047, 0.3201



88.9803, 0.3127, 0.3213

Sweetspot

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



88.9842, 0.3208, 0.3380



98.6931, 0.3157, 0.3324



83.9882, 0.3189, 0.3249



21.1382, 0.3156, 0.3322



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

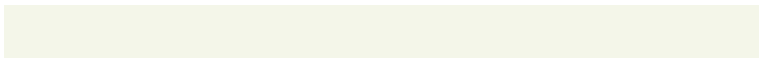
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9842, 0.3208, 0.3380



96.1291, 0.3220, 0.3393



90.9178, 0.3189, 0.3419



18.7633, 0.3230, 0.3404



26.3450, 0.4853, 0.4529



2.4958, 0.4750, 0.4610

Inverse Universe

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



84.5059, 0.3047, 0.3198



90.5985, 0.3035, 0.3185



82.6628, 0.3063, 0.3159



17.5714, 0.3025, 0.3173



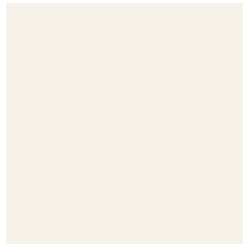
6.4232, 0.1612, 0.1004



0.7378, 0.1680, 0.1248

Previews

White Background



This preview shows how the Yxy color 88.9803, 0.3208, 0.3380 looks on a white background.

Color Contrast Check

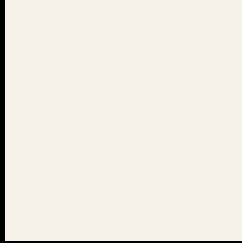
Large Text (above 18pt) WCAG AA × Fail

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 88.9803, 0.3208, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

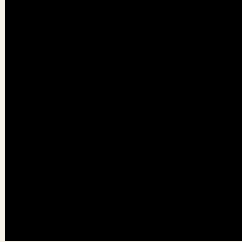
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

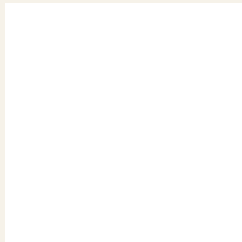
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9803, 0.3208, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 88.9803, 0.3208, 0.3380.

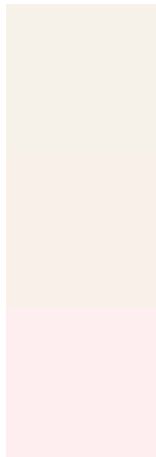


This preview shows how white text looks on a background with the Yxy color 88.9803, 0.3208, 0.3380.

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

88.9803, 0.3208, 0.3380

Protanopia

88.9335, 0.3229, 0.3370

Deuteranopia

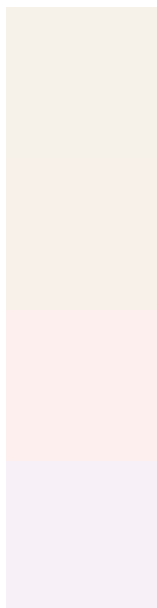
88.6411, 0.3234, 0.3281



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.9803, 0.3208, 0.3380

Protanomaly

88.7502, 0.3223, 0.3370

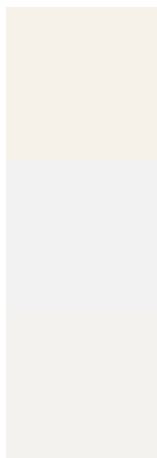
Deuteranomaly

88.5429, 0.3226, 0.3310

Tritanomaly

88.8097, 0.3130, 0.3221

Monochromacy



Original Color

88.9803, 0.3208, 0.3380

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7909, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9803, 0.3208, 0.3380 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(246, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 233)  
}
```

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(246, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 233) }
```

Border

The CSS property to change the border of an element to Yxy 88.9803, 0.3208, 0.3380 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(246, 242, 233) }
```

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

```
.border{ border-color:rgb(246, 242, 233) }
```

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

Here you see how a box with a 4 pixel rgb(246, 242, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9803, 0.3208, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 233) }
```

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

```
.background{ background-color: rgb(246,  
242, 233) }
```

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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