

Converting Colors

$Y_{xy}(88.2063, 0.3203, 0.3370)$

Have a look what the booklet for
Yxy(88.2063, 0.3203, 0.3370)
contains.

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Color

Yxy(88.2063, 0.3203, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1E9
RGB	245, 241, 233
RGB Percent	96%, 95%, 91%
CMY	0.0390, 0.0550, 0.0863
CMYK	0.00, 0.02, 0.05, 0.04
HSL	40°, 38%, 94%
HSV	40°, 5%, 96%
XYZ	83.8352, 88.2063, 89.6982
YIQ	241.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

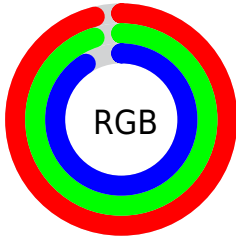
Format	Color
R_{YB}	239, 245, 233
Decimal	16118249
CIE _{Lab}	95.25, -0.00, 4.32
CIE _{LCh}	95, 4.319, 90.056
Yxy	88.2063, 0.3203, 0.3370
Android (android.graphics.Color)	4294308329 (0xFFFF5F1E9)
YUV	241.2840, -4.0840, 3.2589
Hunter-Lab	93.9182, -5.0204, 9.1168

Details

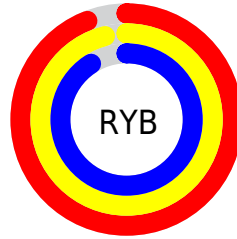
The Yxy color **88.2063, 0.3203, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5333, 0.3052, 0.3209**, and the grayscale version is **88.2369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6911, 0.3224, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **82.1147, 0.3370, 0.3539**, and if you desaturate by 10%, it is **94.5602, 0.3067, 0.3234**.

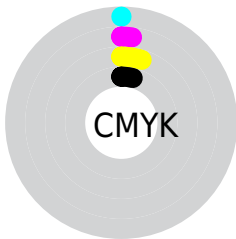
Distribution



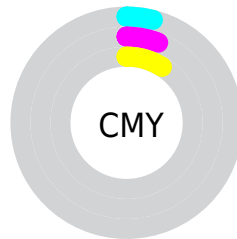
- Red (96%)
- Green (95%)
- Blue (91%)



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



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





- Cyan (4%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2063, 0.3203, 0.3370 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 88.2063, 0.3203, 0.3370 by changing the saturation by 10% instead.

 88.2063, 0.3203,
0.3370

 88.2063, 0.3203,
0.3370


522.1786, 0.3169,
0.3334

 66.4939, 0.3210,
0.3378


144.8443, 0.3191,
0.3358

 48.6735, 0.3220,
0.3388


180.5388, 0.3187,
0.3353

 34.3605, 0.3231,
0.3399


221.6627, 0.3183,
0.3349

 23.1707, 0.3246,
0.3415

268.6006, 0.3179,
0.3345

 14.7196, 0.3265,
0.3435

321.7367, 0.3176,
0.3342

 8.6228, 0.3292,
0.3464

381.4554, 0.3174,

 4.4960, 0.3332,

0.3339

0.3506

448.1413, 0.3171,
0.3337

■ 1.9547, 0.3397,
0.3574

■ 0.5810, 0.3772,
0.3969

■ 88.2063, 0.3203,
0.3370

■ 88.2063, 0.3203,
0.3370

■ 82.1147, 0.3370,
0.3539

■ 94.5602, 0.3067,
0.3234

■ 76.4257, 0.3553,
0.3714

■ 98.1636, 0.3066,
0.3290

■ 71.1316, 0.3750,
0.3890

■ 66.2201, 0.3959,
0.4060

■ 61.6783, 0.4174,
0.4215

■ 57.4918, 0.4385,
0.4343

■ 53.6449, 0.4583,
0.4432

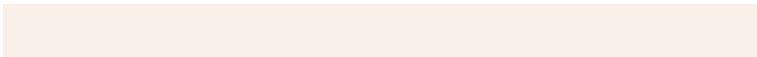
■ 50.1198, 0.4757,
0.4474

■ 46.8952, 0.4899,
0.4463

Harmonies

Analogous

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



88.2063, 0.3222, 0.3345



88.2063, 0.3203, 0.3370



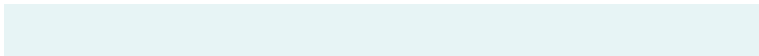
88.2063, 0.3163, 0.3374

Triad

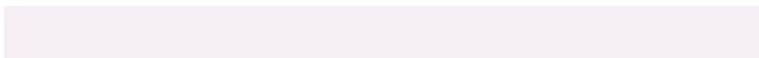
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2063, 0.3203, 0.3370



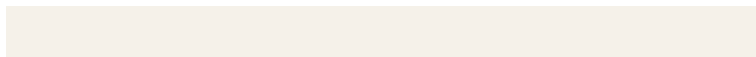
88.2063, 0.3039, 0.3274



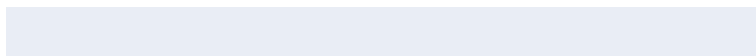
88.2063, 0.3140, 0.3227

Complementary

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



88.2063, 0.3203, 0.3370



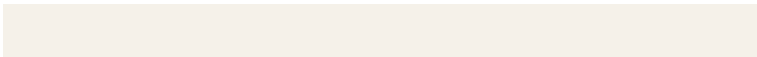
84.5333, 0.3052, 0.3209

Split Complementary

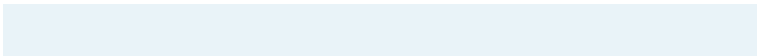
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2063, 0.3091, 0.3208



88.2063, 0.3203, 0.3370



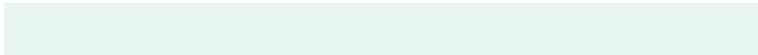
88.2063, 0.3033, 0.3235

Square

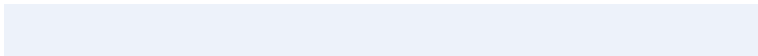
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



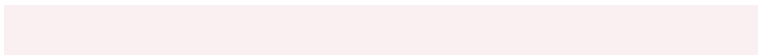
88.2063, 0.3203, 0.3370



88.2063, 0.3069, 0.3318



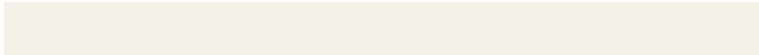
88.2063, 0.3052, 0.3211



88.2063, 0.3185, 0.3262

Rectangle

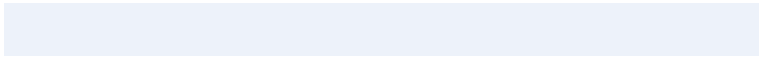
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



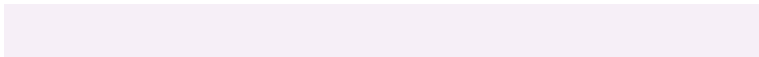
88.2063, 0.3203, 0.3370



88.2063, 0.3131, 0.3363



88.2063, 0.3052, 0.3211



88.2063, 0.3123, 0.3218

Sweetspot

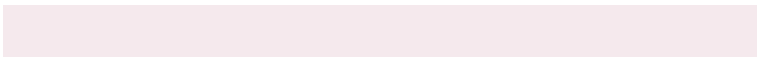
The Sweet Spot groups the original color and five complimentary colors.



88.2101, 0.3203, 0.3370



99.2884, 0.3142, 0.3306



83.8303, 0.3182, 0.3248



21.2593, 0.3142, 0.3305



0.0000, 0.0000, 0.0000



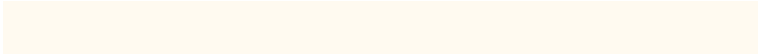
21.4041, 0.3127, 0.3290

Same Dimension

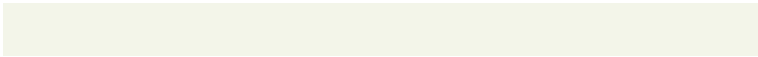
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2101, 0.3203, 0.3370



95.7995, 0.3220, 0.3388



90.3253, 0.3188, 0.3411



18.6922, 0.3230, 0.3399



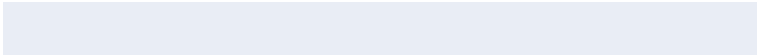
24.6878, 0.4945, 0.4455



2.3593, 0.4827, 0.4550

Inverse Universe

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



84.5333, 0.3052, 0.3209



90.9185, 0.3035, 0.3190



82.5056, 0.3065, 0.3167



17.6402, 0.3025, 0.3179



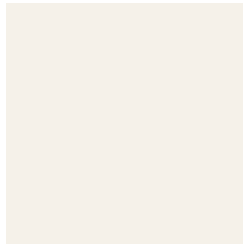
7.0947, 0.1636, 0.1090



0.8060, 0.1705, 0.1338

Previews

White Background



This preview shows how the Yxy color 88.2063, 0.3203, 0.3370 looks on a white background.

Color Contrast Check

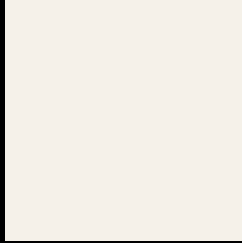
Large Text (above 18pt) WCAG AA × Fail

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 88.2063, 0.3203, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

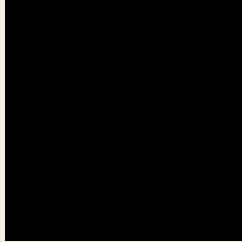
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

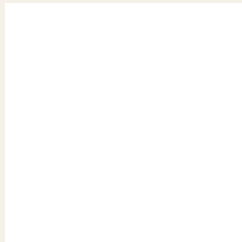
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2063, 0.3203, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 88.2063, 0.3203, 0.3370.

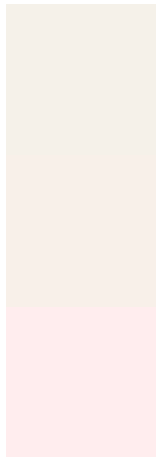


This preview shows how white text looks on a background with the Yxy color 88.2063, 0.3203, 0.3370.

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

88.2063, 0.3203, 0.3370

Protanopia

88.1598, 0.3223, 0.3360

Deuteranopia

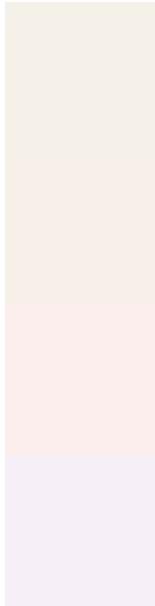
88.0014, 0.3242, 0.3281



Tritanopia

88.3255, 0.3089, 0.3124

Trichromacy



Original Color

88.2063, 0.3203, 0.3370

Protanomaly

87.9775, 0.3217, 0.3360

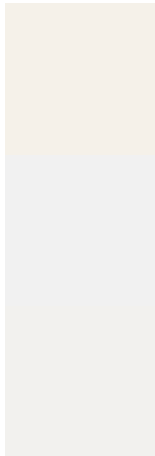
Deuteranomaly

87.7144, 0.3226, 0.3310

Tritanomaly

88.2226, 0.3131, 0.3211

Monochromacy



Original Color

88.2063, 0.3203, 0.3370

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9609, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2063, 0.3203, 0.3370 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(245, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 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(245, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 233) }
```

Border

The CSS property to change the border of an element to Yxy 88.2063, 0.3203, 0.3370 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(245, 241, 233) }
```

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

```
.border{ border-color:rgb(245, 241, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2063, 0.3203, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 233) }
```

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

```
.background{ background-color: rgb(245,  
241, 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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