

Converting Colors

$Yxy(89.6110, 0.3207, 0.3353)$

Have a look what the booklet for
Yxy(89.6110, 0.3207, 0.3353)
contains.

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Color

Yxy(89.5168, 0.3203, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2EC
RGB	248, 242, 236
RGB Percent	97%, 95%, 93%
CMY	0.0276, 0.0509, 0.0746
CMYK	0.00, 0.02, 0.05, 0.03
HSL	30°, 46%, 95%
HSV	30°, 5%, 97%
XYZ	85.5887, 89.5168, 92.1088
YIQ	243.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

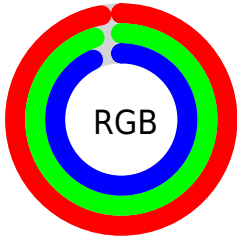
Format	Color
R _Y B	248, 248, 236
Decimal	16315116
CIE Lab	95.80, 0.95, 3.60
CIE LCh	96, 3.724, 75.175
Yxy	89.5168, 0.3203, 0.3350
Android (android.graphics.Color)	4294505196 (0xFFFF8F2EC)
YUV	243.1100, -3.5052, 4.2885
Hunter-Lab	94.6133, -4.0993, 8.5088

Details

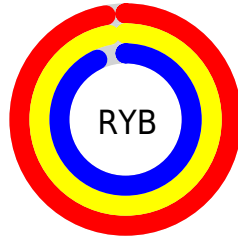
The Yxy color 89.5168, 0.3203, 0.3350 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0558, 0.3053, 0.3229, and the grayscale version is 89.7418, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.6196, 0.3225, 0.3366 is the 20% darker color. If you saturate the color by 10%, you get 81.1094, 0.3377, 0.3480, and if you desaturate by 10%, it is 98.2455, 0.3084, 0.3283.

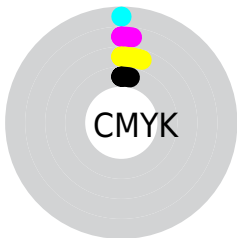
Distribution



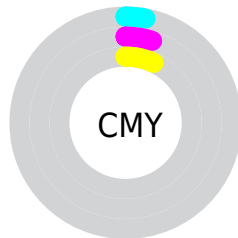
- Red (97%)
- Green (95%)
- Blue (93%)



- Red (97%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5168, 0.3203, 0.3350 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 89.5168, 0.3203, 0.3350 by changing the saturation by 10% instead.


 89.5168, 0.3203,
0.3350

 89.5168, 0.3203,
0.3350


526.4578, 0.3169,
0.3323

 67.5799, 0.3210,
0.3356

146.6670, 0.3191,
0.3341

 49.5561, 0.3220,
0.3363


182.6492, 0.3187,
0.3337

 35.0608, 0.3231,
0.3372


224.0819, 0.3183,
0.3334

 23.7097, 0.3245,
0.3383

271.3496, 0.3180,
0.3332

 15.1184, 0.3265,
0.3398

324.8366, 0.3177,
0.3329

 8.9025, 0.3291,
0.3419

384.9274, 0.3174,

 4.6777, 0.3331,

0.3327

0.3449

452.0063, 0.3171,
0.3325

■ 2.0594, 0.3395,
0.3498

■ 0.6417, 0.3677,
0.3727

■ 89.5168, 0.3203,
0.3350

■ 89.5168, 0.3203,
0.3350

■ 81.1094, 0.3377,
0.3480

■ 98.2455, 0.3084,
0.3283

■ 73.3714, 0.3574,
0.3616

■ 98.6879, 0.3084,
0.3290

■ 66.2883, 0.3797,
0.3754

■ 59.8404, 0.4043,
0.3887

■ 54.0068, 0.4309,
0.4007

■ 48.7653, 0.4584,
0.4103

■ 44.0918, 0.4857,
0.4160

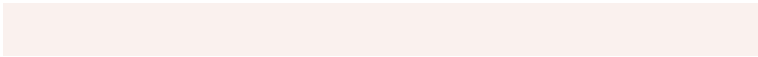
■ 39.9595, 0.5109,
0.4168

■ 36.3378, 0.5323,
0.4120

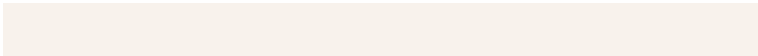
Harmonies

Analogous

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



89.5168, 0.3209, 0.3321



89.5168, 0.3203, 0.3350



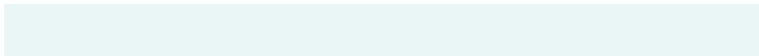
89.5168, 0.3177, 0.3363

Triad

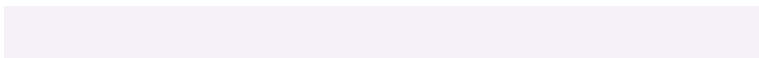
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5168, 0.3203, 0.3350



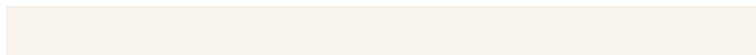
89.5168, 0.3062, 0.3295



89.5168, 0.3117, 0.3226

Complementary

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



89.5168, 0.3203, 0.3350



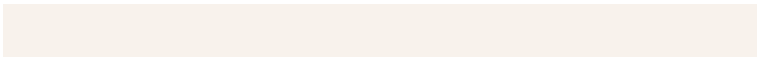
88.0558, 0.3053, 0.3229

Split Complementary

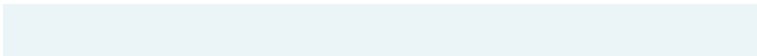
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5168, 0.3078, 0.3218



89.5168, 0.3203, 0.3350



89.5168, 0.3046, 0.3258

Square

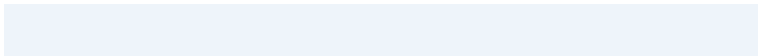
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



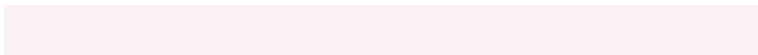
89.5168, 0.3203, 0.3350



89.5168, 0.3096, 0.3331



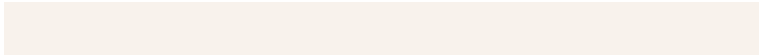
89.5168, 0.3052, 0.3230



89.5168, 0.3159, 0.3250

Rectangle

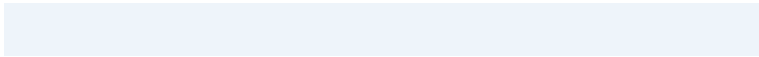
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



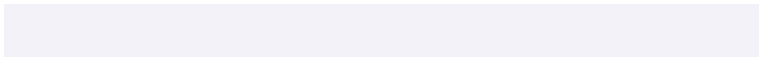
89.5168, 0.3203, 0.3350



89.5168, 0.3151, 0.3360



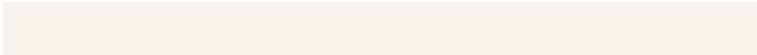
89.5168, 0.3052, 0.3230



89.5168, 0.3103, 0.3221

Sweetspot

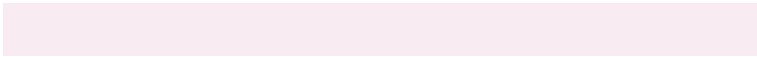
The Sweet Spot groups the original color and five complimentary colors.



89.5207, 0.3203, 0.3350



99.0335, 0.3142, 0.3302



86.3369, 0.3170, 0.3231



21.2075, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



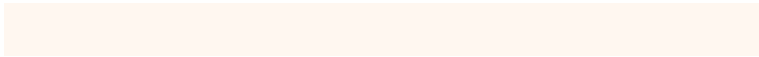
21.4041, 0.3127, 0.3290

Same Dimension

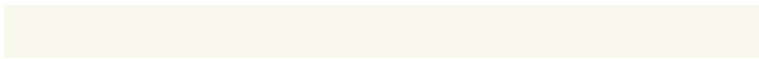
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5207, 0.3203, 0.3350



94.3127, 0.3222, 0.3365



93.1089, 0.3199, 0.3408



19.2038, 0.3233, 0.3373



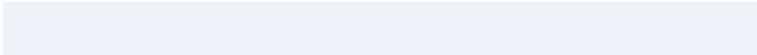
19.0054, 0.5396, 0.4098



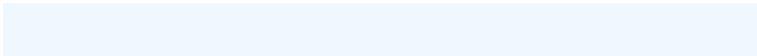
1.9724, 0.5213, 0.4242

Inverse Universe

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



88.0558, 0.3053, 0.3229



92.3852, 0.3035, 0.3214



84.5842, 0.3054, 0.3169



18.7686, 0.3024, 0.3205



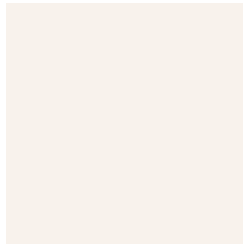
11.5735, 0.1767, 0.1560



1.2837, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 89.5168, 0.3203, 0.3350 looks on a white background.

Color Contrast Check

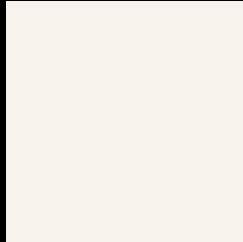
Large Text (above 18pt) WCAG AA × Fail

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 89.5168, 0.3203, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

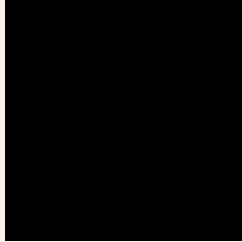
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

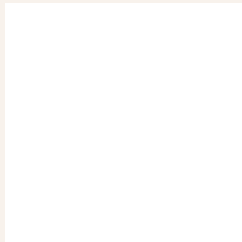
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5168, 0.3203, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 89.5168, 0.3203, 0.3350.

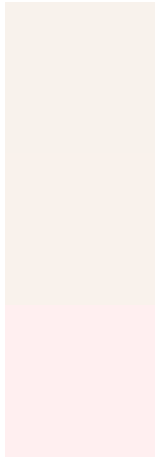


This preview shows how white text looks on a background with the Yxy color 89.5168, 0.3203, 0.3350.

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

89.5168, 0.3203, 0.3350

Protanopia

89.7001, 0.3210, 0.3350

Deuteranopia

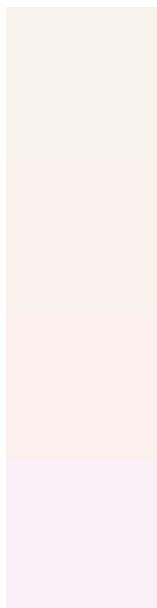
89.2843, 0.3227, 0.3281



Tritanopia

89.2770, 0.3102, 0.3135

Trichromacy



Original Color

89.5168, 0.3203, 0.3350

Protanomaly

89.7001, 0.3210, 0.3350

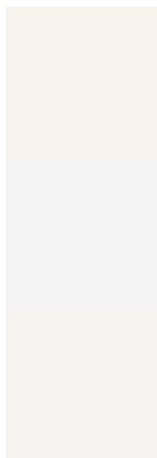
Deuteranomaly

89.2476, 0.3213, 0.3300

Tritanomaly

89.2372, 0.3137, 0.3212

Monochromacy



Original Color

89.5168, 0.3203, 0.3350

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8049, 0.3158, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5168, 0.3203, 0.3350 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(248, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 236) }
```

Border

The CSS property to change the border of an element to Yxy 89.5168, 0.3203, 0.3350 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(248, 242, 236) }
```

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

```
.border{ border-color:rgb(248, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5168, 0.3203, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 236) }
```

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

```
.background{ background-color: rgb(248,  
242, 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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