

Converting Colors

$Y_{xy}(89.1353, 0.3240, 0.3509)$

Have a look what the booklet for
Yxy(89.1353, 0.3240, 0.3509)
contains.

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Color

Yxy(88.9063, 0.3242, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	F2F4DF
RGB	242, 244, 223
RGB Percent	95%, 96%, 87%
CMY	0.0510, 0.0431, 0.1256
CMYK	0.01, 0.00, 0.09, 0.04
HSL	66°, 49%, 92%
HSV	66°, 9%, 96%
XYZ	82.2821, 88.9063, 82.6120
YIQ	241.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

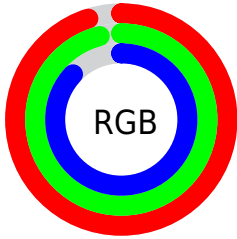
Format	Color
R _Y B	223, 244, 225
Decimal	15922399
CIE Lab	95.54, -4.25, 9.90
CIE LCh	96, 10.772, 113.231
Yxy	88.9063, 0.3242, 0.3503
Android (android.graphics.Color)	4294112479 (0xFFFF2F4DF)
YUV	241.0080, -8.8779, 0.8700
Hunter-Lab	94.2901, -9.2401, 14.0563

Details

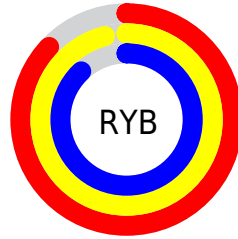
The Yxy color 88.9063, 0.3242, 0.3503 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 75.2960, 0.3007, 0.3070, and the grayscale version is 88.0376, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.2327, 0.3266, 0.3550 is the 20% darker color. If you saturate the color by 10%, you get 87.2761, 0.3378, 0.3759, and if you desaturate by 10%, it is 90.7393, 0.3109, 0.3257.

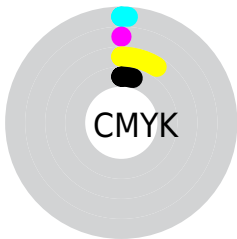
Distribution



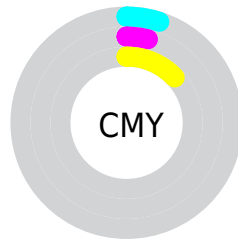
- Red (95%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9063, 0.3242, 0.3503 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 88.9063, 0.3242, 0.3503 by changing the saturation by 10% instead.

 88.9063, 0.3242,
0.3503

 88.9063, 0.3242,
0.3503

524.4666, 0.3191,
0.3407

 67.0739, 0.3253,
0.3524


145.8183, 0.3225,
0.3470

 49.1447, 0.3267,
0.3550


181.6666, 0.3218,
0.3457

 34.7343, 0.3283,
0.3583

222.9557, 0.3212,
0.3446

 23.4582, 0.3305,
0.3625

270.0700, 0.3207,
0.3436

 14.9322, 0.3333,
0.3680

323.3938, 0.3202,
0.3428

 8.7718, 0.3371,
0.3758

383.3116, 0.3198,

 4.5927, 0.3426,

0.3420

0.3874

450.2078, 0.3194,
0.3413

■ 2.0103, 0.3513,
0.4065

■ 0.6135, 0.4386,
0.5614

■ 88.9063, 0.3242,
0.3503

■ 88.9063, 0.3242,
0.3503

■ 87.2761, 0.3378,
0.3759

■ 90.7393, 0.3109,
0.3257

■ 85.8288, 0.3513,
0.4018


■ 91.6432, 0.3079,
0.3183

■ 84.5598, 0.3642,
0.4272

■ 92.0707, 0.3094,
0.3184


■ 83.4596, 0.3760,
0.4512


■ 92.5036, 0.3109,
0.3184


 82.5179, 0.3861,
0.4726


 92.9418, 0.3124,
0.3185

 81.7234, 0.3940,
0.4904

 93.1882, 0.3132,
0.3185

 81.0630, 0.3993,
0.5041

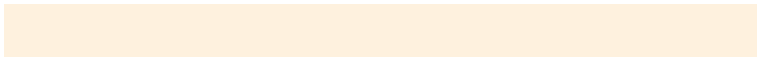
 80.5213, 0.4020,
0.5132

 80.0761, 0.4023,
0.5182

Harmonies

Analogous

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



88.9063, 0.3332, 0.3478



88.9063, 0.3242, 0.3503



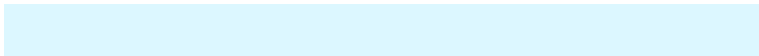
88.9063, 0.3122, 0.3468

Triad

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



88.9063, 0.3242, 0.3503



88.9063, 0.2893, 0.3170



88.9063, 0.3248, 0.3199

Complementary

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



88.9063, 0.3242, 0.3503



75.2960, 0.3007, 0.3070

Split Complementary

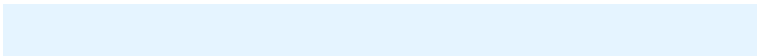
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9063, 0.3129, 0.3120



88.9063, 0.3242, 0.3503



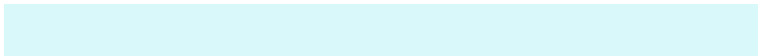
88.9063, 0.2925, 0.3102

Square

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



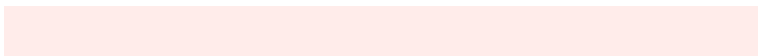
88.9063, 0.3242, 0.3503



88.9063, 0.2922, 0.3273



88.9063, 0.3010, 0.3085



88.9063, 0.3336, 0.3302

Rectangle

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



88.9063, 0.3242, 0.3503



88.9063, 0.3042, 0.3416



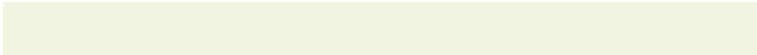
88.9063, 0.3010, 0.3085



88.9063, 0.3210, 0.3169

Sweetspot

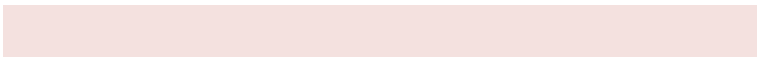
The Sweet Spot groups the original color and five complimentary colors.



88.9102, 0.3242, 0.3503



99.3781, 0.3167, 0.3363



78.2612, 0.3275, 0.3308



21.2362, 0.3177, 0.3383



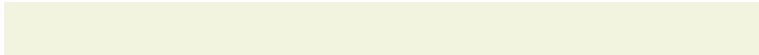
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.9102, 0.3242, 0.3503



98.0041, 0.3261, 0.3538



87.1459, 0.3174, 0.3507



19.2281, 0.3254, 0.3525



43.5381, 0.4026, 0.5185



3.8496, 0.4048, 0.5168

Inverse Universe

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



75.2960, 0.3007, 0.3070



80.6825, 0.2986, 0.3032



76.9942, 0.3077, 0.3074



16.0027, 0.2994, 0.3046



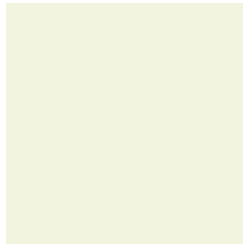
3.6788, 0.1532, 0.0618



0.3485, 0.1602, 0.0656

Previews

White Background



This preview shows how the Yxy color 88.9063, 0.3242, 0.3503 looks on a white background.

Color Contrast Check

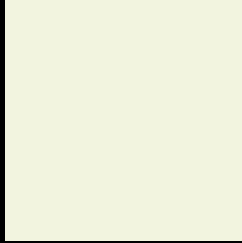
Large Text (above 18pt) WCAG AA × Fail

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 88.9063, 0.3242, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

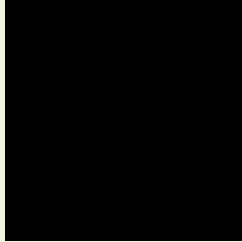
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

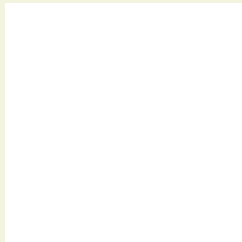
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9063, 0.3242, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 88.9063, 0.3242, 0.3503.

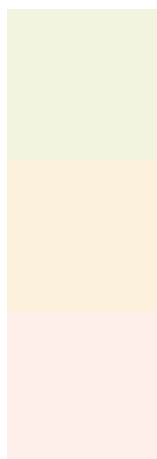


This preview shows how white text looks on a background with the Yxy color 88.9063, 0.3242, 0.3503.

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

88.9063, 0.3242, 0.3503

Protanopia

88.6403, 0.3318, 0.3490

Deuteranopia

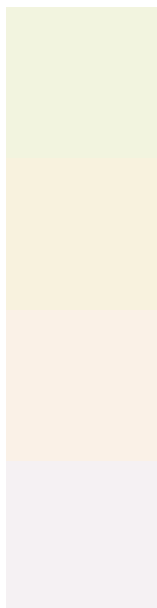
88.9912, 0.3259, 0.3330



Tritanopia

88.5458, 0.3076, 0.3133

Trichromacy



Original Color

88.9063, 0.3242, 0.3503

Protanomaly

88.7346, 0.3291, 0.3491

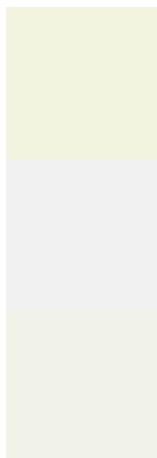
Deuteranomaly

89.0041, 0.3249, 0.3389

Tritanomaly

88.7941, 0.3141, 0.3270

Monochromacy



Original Color

88.9063, 0.3242, 0.3503

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1455, 0.3169, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9063, 0.3242, 0.3503 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(242, 244, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 244, 223)  
}
```

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(242, 244, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 223) }
```

Border

The CSS property to change the border of an element to Yxy 88.9063, 0.3242, 0.3503 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(242, 244, 223) }
```

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

```
.border{ border-color:rgb(242, 244, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 244, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 244, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 244, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 244,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9063, 0.3242, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 244, 223) }
```

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

```
.background{ background-color: rgb(242,  
244, 223) }
```

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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