

Converting Colors

$Yxy(88.7932, 0.3185, 0.3393)$

Have a look what the booklet for
Yxy(88.7932, 0.3185, 0.3393)
contains.

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Color

Yxy(88.8616, 0.3181, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	F2F3E9
RGB	242, 243, 233
RGB Percent	95%, 95%, 91%
CMY	0.0512, 0.0470, 0.0864
CMYK	0.00, 0.00, 0.04, 0.05
HSL	66°, 30%, 93%
HSV	66°, 4%, 95%
XYZ	83.3585, 88.8616, 89.8312
YIQ	241.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

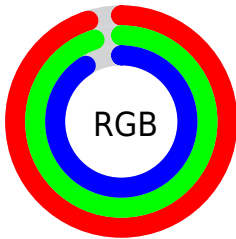
Format	Color
R_{YB}	233, 243, 234
Decimal	15922153
CIE _{Lab}	95.52, -2.10, 4.70
CIE _{LCh}	96, 5.148, 114.066
Yxy	88.8616, 0.3181, 0.3391
Android (android.graphics.Color)	4294112233 (0xFFFF2F3E9)
YUV	241.5610, -4.2206, 0.3850
Hunter-Lab	94.2664, -7.1211, 9.4861

Details

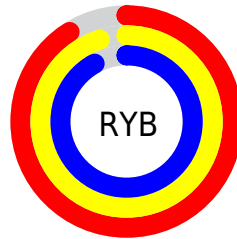
The Yxy color **88.8616, 0.3181, 0.3391** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.2406, 0.3072, 0.3187**, and the grayscale version is **88.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1541, 0.3196, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **87.1104, 0.3314, 0.3643**, and if you desaturate by 10%, it is **90.6707, 0.3066, 0.3173**.

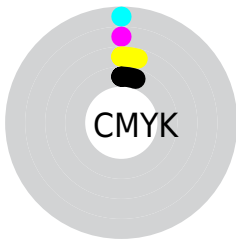
Distribution



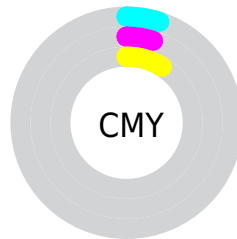
- Red (95%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (92%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8616, 0.3181, 0.3391 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 88.8616, 0.3181, 0.3391 by changing the saturation by 10% instead.

88.8616, 0.3181,
0.3391

88.8616, 0.3181,
0.3391

524.3207, 0.3157,
0.3346

67.0369, 0.3186,
0.3401

145.7561, 0.3173,
0.3376

49.1146, 0.3193,
0.3413

181.5946, 0.3170,
0.3370

34.7104, 0.3201,
0.3428

222.8732, 0.3167,
0.3364

23.4399, 0.3211,
0.3448

269.9762, 0.3164,
0.3360

14.9186, 0.3224,
0.3474

323.2881, 0.3162,
0.3356

8.7623, 0.3243,
0.3510

383.1932, 0.3160,

4.5865, 0.3270,

0.3352

0.3564

450.0759, 0.3159,
0.3349

■ 2.0067, 0.3314,
0.3653

■ 0.6114, 0.3584,
0.4136

■ 88.8616, 0.3181,
0.3391

■ 88.8616, 0.3181,
0.3391

■ 87.1104, 0.3314,
0.3643

■ 90.6707, 0.3066,
0.3173

■ 85.5454, 0.3448,
0.3903

■ 91.1446, 0.3082,
0.3173

■ 84.1623, 0.3578,
0.4161

■ 91.6251, 0.3099,
0.3174

■ 82.9520, 0.3700,
0.4410

■ 92.1124, 0.3116,
0.3175

■ 81.9048, 0.3807,
0.4639

■ 92.5966, 0.3133,
0.3175

■ 81.0100, 0.3894,
0.4837

■ 80.2553, 0.3957,
0.4996

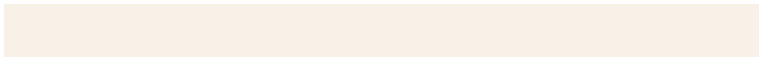
■ 79.6268, 0.3993,
0.5110

■ 79.1074, 0.4004,
0.5179

Harmonies

Analogous

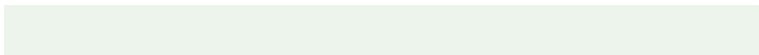
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8616, 0.3224, 0.3381



88.8616, 0.3181, 0.3391



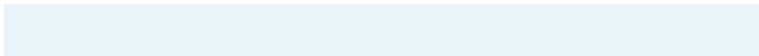
88.8616, 0.3124, 0.3374

Triad

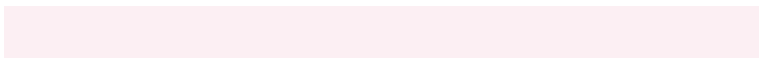
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8616, 0.3181, 0.3391



88.8616, 0.3015, 0.3232



88.8616, 0.3187, 0.3248

Complementary

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



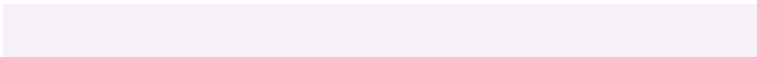
88.8616, 0.3181, 0.3391



82.2406, 0.3072, 0.3187

Split Complementary

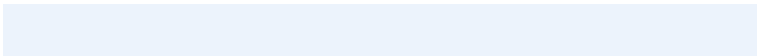
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8616, 0.3130, 0.3209



88.8616, 0.3181, 0.3391



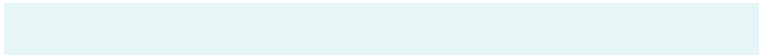
88.8616, 0.3031, 0.3200

Square

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



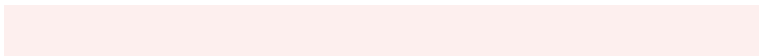
88.8616, 0.3181, 0.3391



88.8616, 0.3028, 0.3281



88.8616, 0.3073, 0.3191



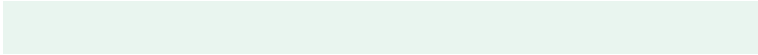
88.8616, 0.3227, 0.3298

Rectangle

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



88.8616, 0.3181, 0.3391



88.8616, 0.3085, 0.3349



88.8616, 0.3073, 0.3191



88.8616, 0.3169, 0.3233

Sweetspot

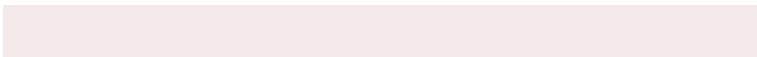
The Sweet Spot groups the original color and five complimentary colors.



88.8654, 0.3181, 0.3391



99.7847, 0.3140, 0.3314



83.7768, 0.3195, 0.3300



21.3603, 0.3139, 0.3313



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.



88.8654, 0.3181, 0.3391



98.9459, 0.3193, 0.3413



88.0025, 0.3149, 0.3392



19.3656, 0.3202, 0.3430



43.2951, 0.4005, 0.5202



3.8307, 0.4030, 0.5182

Inverse Universe

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



82.2406, 0.3072, 0.3187



90.0394, 0.3060, 0.3165



83.0896, 0.3105, 0.3189



17.3919, 0.3051, 0.3147



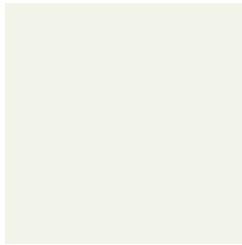
3.7012, 0.1537, 0.0621



0.3530, 0.1614, 0.0663

Previews

White Background



This preview shows how the Yxy color 88.8616, 0.3181, 0.3391 looks on a white background.

Color Contrast Check

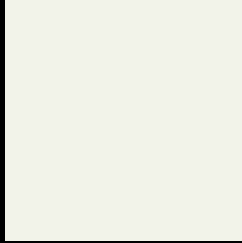
Large Text (above 18pt) WCAG AA × Fail

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 88.8616, 0.3181, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

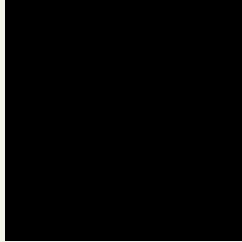
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

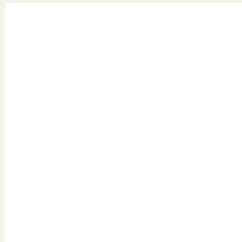
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8616, 0.3181, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 88.8616, 0.3181, 0.3391.

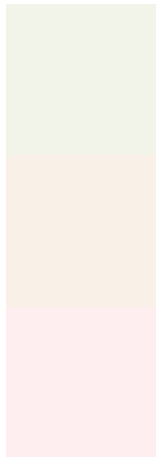


This preview shows how white text looks on a background with the Yxy color 88.8616, 0.3181, 0.3391.

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

88.8616, 0.3181, 0.3391

Protanopia

88.8765, 0.3236, 0.3380

Deuteranopia

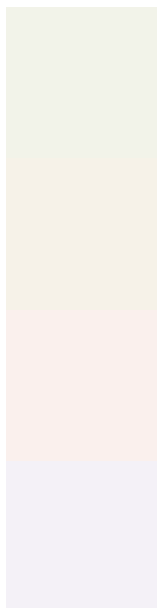
88.6411, 0.3234, 0.3281



Tritanopia

88.9527, 0.3069, 0.3143

Trichromacy



Original Color

88.8616, 0.3181, 0.3391

Protanomaly

88.9233, 0.3215, 0.3390

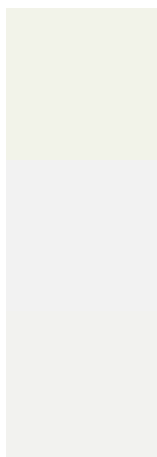
Deuteranomaly

88.7586, 0.3212, 0.3320

Tritanomaly

88.8591, 0.3110, 0.3231

Monochromacy



Original Color

88.8616, 0.3181, 0.3391

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.6135, 0.3145, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8616, 0.3181, 0.3391 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, 243, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 233) }
```

Border

The CSS property to change the border of an element to Yxy 88.8616, 0.3181, 0.3391 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, 243, 233) }
```

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

```
.border{ border-color:rgb(242, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8616, 0.3181, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 233) }
```

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

```
.background{ background-color: rgb(242,  
243, 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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