

Converting Colors

Yxy(93.6472, 0.3120, 0.3388)

Have a look what the booklet for
Yxy(93.6472, 0.3120, 0.3388)
contains.

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Color

Yxy(93.8705, 0.3116, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	F0FBF1
RGB	240, 251, 241
RGB Percent	94%, 98%, 95%
CMY	0.0589, 0.0157, 0.0548
CMYK	0.04, 0.00, 0.04, 0.02
HSL	126°, 58%, 96%
HSV	126°, 4%, 98%
XYZ	86.3088, 93.8705, 96.8065
YIQ	246.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

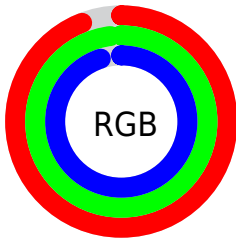
Format	Color
R_{YB}	240, 250, 251
Decimal	15793137
CIE _{Lab}	97.58, -5.39, 3.51
CIE _{LCh}	98, 6.430, 146.885
Yxy	93.8705, 0.3116, 0.3389
Android (android.graphics.Color)	4293983217 (0xFFFF0FBF1)
YUV	246.5710, -2.7465, -5.7628
Hunter-Lab	96.8868, -10.5403, 8.5799

Details

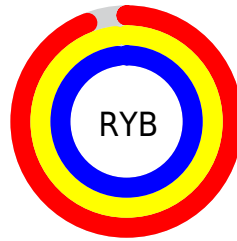
The Yxy color 93.8705, 0.3116, 0.3389 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.7240, 0.3138, 0.3193, and the grayscale version is 92.6723, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.7233, 0.3113, 0.3417 is the 20% darker color. If you saturate the color by 10%, you get 88.5059, 0.3090, 0.3637, and if you desaturate by 10%, it is 97.4790, 0.3129, 0.3252.

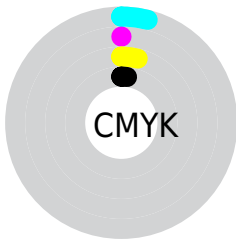
Distribution



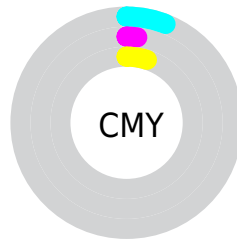
- Red (94%)
- Green (98%)
- Blue (95%)



- Red (94%)
- Yellow (98%)
- Blue (98%)



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





- Cyan (6%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.8705, 0.3116, 0.3389 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 93.8705, 0.3116, 0.3389 by changing the saturation by 10% instead.


 93.8705, 0.3116,
0.3389

 93.8705, 0.3116,
0.3389


540.5427, 0.3121,
0.3345

 71.1952, 0.3115,
0.3399


152.7032, 0.3118,
0.3374

 52.5016, 0.3113,
0.3410


189.6295, 0.3118,
0.3368

 37.4050, 0.3112,
0.3425


232.0749, 0.3119,
0.3363

 25.5212, 0.3109,
0.3444

280.4238, 0.3120,
0.3359

 16.4658, 0.3106,
0.3469

335.0607, 0.3120,
0.3355

 9.8544, 0.3102,
0.3503

396.3698, 0.3120,

 5.3025, 0.3095,

0.3351

0.3553

464.7357, 0.3121,
0.3348

■ 2.4258, 0.3084,
0.3635

■ 0.8391, 0.3065,
0.3861

■ 93.8705, 0.3116,
0.3389

■ 93.8705, 0.3116,
0.3389

■ 88.5059, 0.3090,
0.3637

■ 97.4790, 0.3129,
0.3252

■ 83.8835, 0.3063,
0.3917

■ 79.9743, 0.3036,
0.4225

■ 76.7426, 0.3012,
0.4554

■ 74.1498, 0.2991,
0.4891

■ 72.1533, 0.2977,
0.5215

■ 70.7053, 0.2970,
0.5505

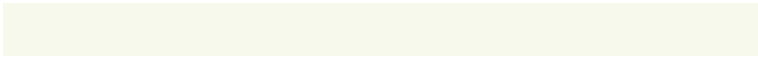
■ 69.7508, 0.2972,
0.5736

■ 69.2227, 0.2981,
0.5894

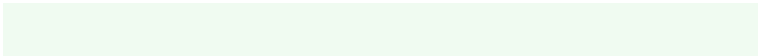
Harmonies

Analogous

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



93.8705, 0.3187, 0.3413



93.8705, 0.3116, 0.3389



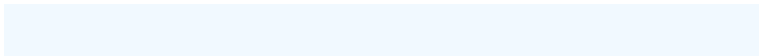
93.8705, 0.3049, 0.3337

Triad

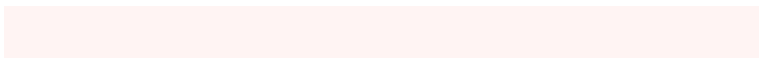
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8705, 0.3116, 0.3389



93.8705, 0.3013, 0.3177



93.8705, 0.3253, 0.3305

Complementary

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



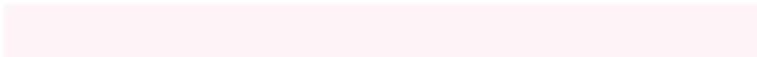
93.8705, 0.3116, 0.3389



89.7240, 0.3138, 0.3193

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.



93.8705, 0.3206, 0.3244



93.8705, 0.3116, 0.3389



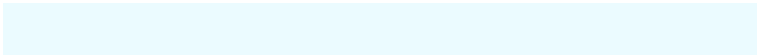
93.8705, 0.3067, 0.3170

Square

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



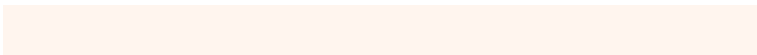
93.8705, 0.3116, 0.3389



93.8705, 0.2990, 0.3214



93.8705, 0.3137, 0.3194



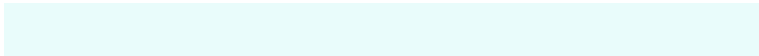
93.8705, 0.3267, 0.3364

Rectangle

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



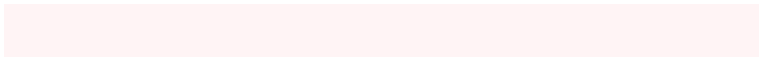
93.8705, 0.3116, 0.3389



93.8705, 0.3015, 0.3294



93.8705, 0.3137, 0.3194



93.8705, 0.3241, 0.3284

Sweetspot

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



93.8745, 0.3116, 0.3389



99.3717, 0.3125, 0.3312



95.6301, 0.3186, 0.3397



21.2762, 0.3125, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

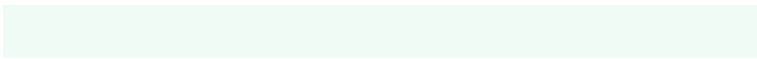
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8745, 0.3116, 0.3389



96.9397, 0.3114, 0.3403



94.2016, 0.3085, 0.3335



19.7797, 0.3113, 0.3420



36.3091, 0.2982, 0.5937



3.3715, 0.2946, 0.5805

Inverse Universe

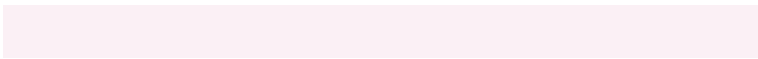
The Inverse Universe completely reimagines the original color for something new.



89.7240, 0.3138, 0.3193



92.0562, 0.3140, 0.3179



89.3906, 0.3172, 0.3245



18.6461, 0.3142, 0.3164



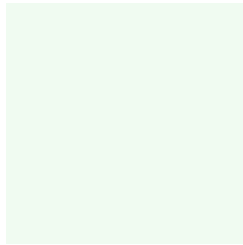
13.7190, 0.3461, 0.1680



1.2786, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 93.8705, 0.3116, 0.3389 looks on a white background.

Color Contrast Check

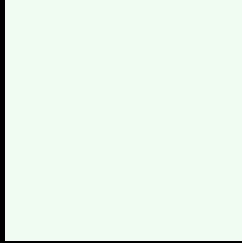
Large Text (above 18pt) WCAG AA × Fail

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 93.8705, 0.3116, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

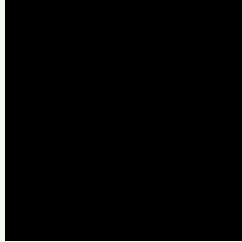
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

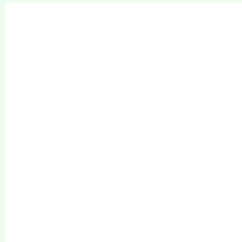
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.8705, 0.3116, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 93.8705, 0.3116, 0.3389.

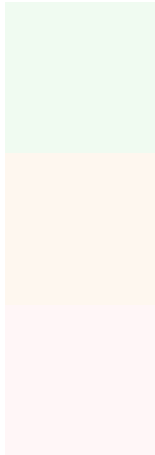


This preview shows how white text looks on a background with the Yxy color 93.8705, 0.3116, 0.3389.

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

93.8705, 0.3116, 0.3389

Protanopia

93.8244, 0.3220, 0.3368

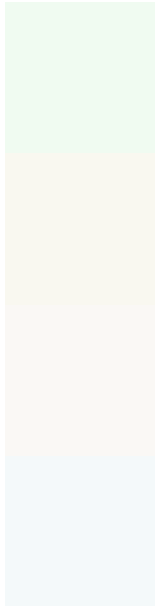
Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

93.9476, 0.3074, 0.3222

Trichromacy



Original Color

93.8705, 0.3116, 0.3389

Protanomaly

93.5658, 0.3181, 0.3368

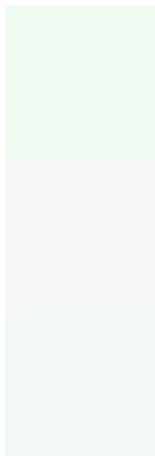
Deuteranomaly

94.0514, 0.3158, 0.3319

Tritanomaly

93.8866, 0.3090, 0.3280

Monochromacy



Original Color

93.8705, 0.3116, 0.3389

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9605, 0.3119, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.8705, 0.3116, 0.3389 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(240, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 251, 241)  
}
```

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(240, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.8705, 0.3116, 0.3389 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(240, 251, 241) }
```

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

```
.border{ border-color:rgb(240, 251, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 251, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 251,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.8705, 0.3116, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 251, 241) }
```

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

```
.background{ background-color: rgb(240,  
251, 241) }
```

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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