

Converting Colors

$Yxy(93.7937, 0.3101, 0.3338)$

Have a look what the booklet for
Yxy(93.7937, 0.3101, 0.3338)
contains.

Yxy(93.6646, 0.3100, 0.3339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.6646, 0.3100, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	F1FAF5
RGB	241, 250, 245
RGB Percent	95%, 98%, 96%
CMY	0.0546, 0.0197, 0.0392
CMYK	0.04, 0.00, 0.02, 0.02
HSL	147°, 47%, 96%
HSV	147°, 4%, 98%
XYZ	86.9602, 93.6646, 99.8921
YIQ	246.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

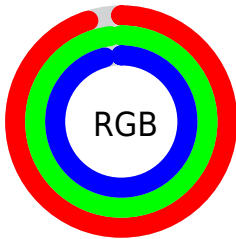
Format	Color
R _Y B	241, 247, 250
Decimal	15858421
CIE Lab	97.50, -3.81, 1.35
CIE LCh	97, 4.044, 160.531
Yxy	93.6646, 0.3100, 0.3339
Android (android.graphics.Color)	4294048501 (0xFFFF1FAF5)
YUV	246.7390, -0.8573, -5.0331
Hunter-Lab	96.7805, -8.9781, 6.5501

Details

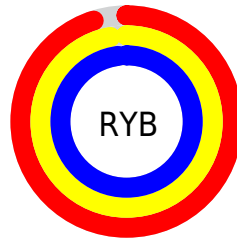
The Yxy color 93.6646, 0.3100, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.9267, 0.3155, 0.3241, and the grayscale version is 92.8087, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5720, 0.3092, 0.3353 is the 20% darker color. If you saturate the color by 10%, you get 88.7461, 0.3025, 0.3488, and if you desaturate by 10%, it is 96.8430, 0.3129, 0.3242.

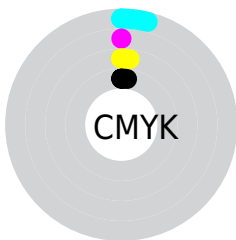
Distribution



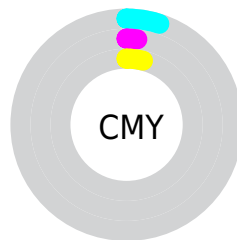
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6646, 0.3100, 0.3339 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 93.6646, 0.3100, 0.3339 by changing the saturation by 10% instead.


 93.6646, 0.3100,
0.3339

 93.6646, 0.3100,
0.3339


539.8810, 0.3112,
0.3317

 71.0240, 0.3097,
0.3344


152.4184, 0.3104,
0.3332

 52.3618, 0.3094,
0.3350

189.3004, 0.3106,
0.3329

 37.2935, 0.3090,
0.3357


231.6984, 0.3107,
0.3326

 25.4348, 0.3085,
0.3366

279.9966, 0.3108,
0.3324

 16.4013, 0.3078,
0.3378

334.5797, 0.3109,
0.3322

 9.8086, 0.3069,
0.3395

395.8318, 0.3110,

 5.2722, 0.3055,

0.3320

0.3419

464.1374, 0.3111,
0.3319

■ 2.4079, 0.3034,
0.3458

■ 0.8299, 0.2980,
0.3554

■ 93.6646, 0.3100,
0.3339

■ 93.6646, 0.3100,
0.3339

■ 88.7461, 0.3025,
0.3488

■ 96.8430, 0.3129,
0.3242

■ 84.4656, 0.2952,
0.3654

■ 80.7996, 0.2884,
0.3837

■ 77.7184, 0.2825,
0.4036

■ 75.1899, 0.2777,
0.4248

■ 73.1789, 0.2745,
0.4467

■ 71.6457, 0.2731,
0.4688

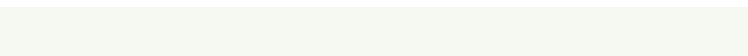
■ 70.5448, 0.2737,
0.4904

■ 69.8207, 0.2762,
0.5107

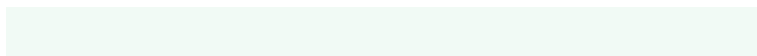
Harmonies

Analogous

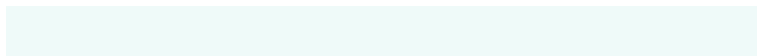
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6646, 0.3145, 0.3363



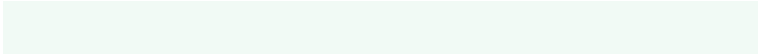
93.6646, 0.3100, 0.3339



93.6646, 0.3062, 0.3302

Triad

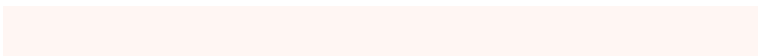
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6646, 0.3100, 0.3339



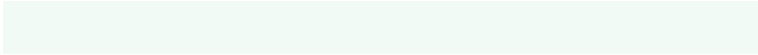
93.6646, 0.3069, 0.3214



93.6646, 0.3213, 0.3318

Complementary

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



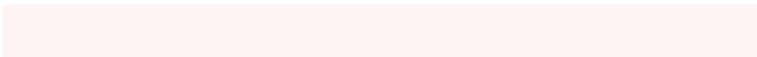
93.6646, 0.3100, 0.3339



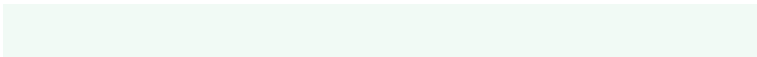
89.9267, 0.3155, 0.3241

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.



93.6646, 0.3192, 0.3278



93.6646, 0.3100, 0.3339



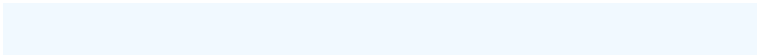
93.6646, 0.3109, 0.3219

Square

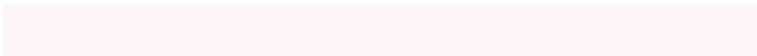
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



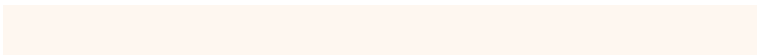
93.6646, 0.3100, 0.3339



93.6646, 0.3044, 0.3230



93.6646, 0.3154, 0.3242



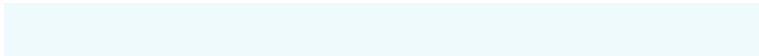
93.6646, 0.3211, 0.3350

Rectangle

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



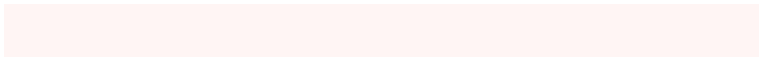
93.6646, 0.3100, 0.3339



93.6646, 0.3046, 0.3275



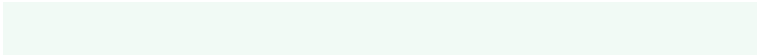
93.6646, 0.3154, 0.3242



93.6646, 0.3209, 0.3305

Sweetspot

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



93.6686, 0.3100, 0.3339



99.4284, 0.3120, 0.3304



94.3324, 0.3155, 0.3378



21.2878, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

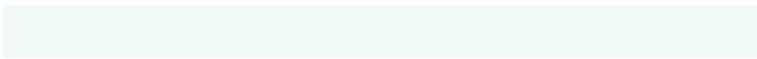
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6686, 0.3100, 0.3339



97.7558, 0.3097, 0.3345



93.9392, 0.3075, 0.3296



19.9475, 0.3091, 0.3356



36.8991, 0.2777, 0.5198



3.4384, 0.2713, 0.4966

Inverse Universe

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



89.9267, 0.3155, 0.3241



93.3764, 0.3159, 0.3235



89.6609, 0.3182, 0.3284



18.8889, 0.3165, 0.3225



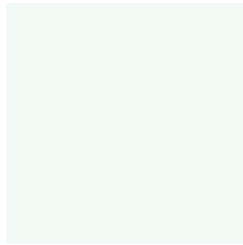
11.8038, 0.4720, 0.2374



1.1146, 0.4489, 0.2247

Previews

White Background



This preview shows how the Yxy color 93.6646, 0.3100, 0.3339 looks on a white background.

Color Contrast Check

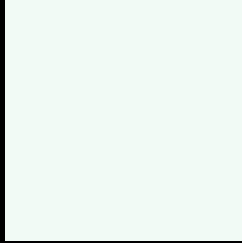
Large Text (above 18pt) WCAG AA × Fail

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 93.6646, 0.3100, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

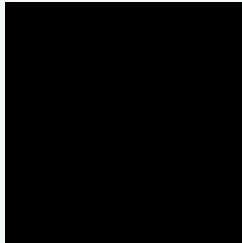
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

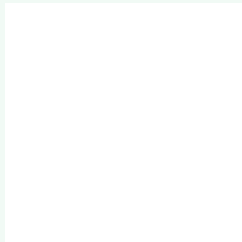
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6646, 0.3100, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 93.6646, 0.3100, 0.3339.

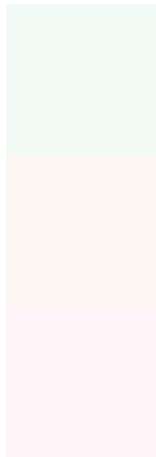


This preview shows how white text looks on a background with the Yxy color 93.6646, 0.3100, 0.3339.

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

93.6646, 0.3100, 0.3339

Protanopia

93.2652, 0.3190, 0.3319

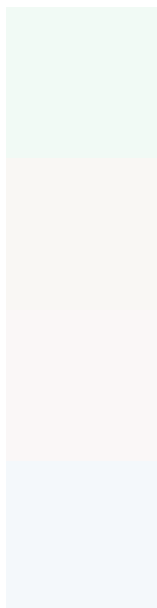
Deuteranopia

93.3421, 0.3174, 0.3261

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.6646, 0.3100, 0.3339

Protanomaly

93.1929, 0.3158, 0.3319

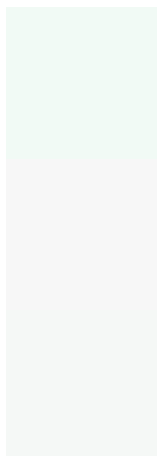
Deuteranomaly

93.5609, 0.3146, 0.3290

Tritanomaly

93.3329, 0.3084, 0.3261

Monochromacy



Original Color

93.6646, 0.3100, 0.3339

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2011, 0.3120, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6646, 0.3100, 0.3339 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(241, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 245)  
}
```

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(241, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 245) }
```

Border

The CSS property to change the border of an element to Yxy 93.6646, 0.3100, 0.3339 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(241, 250, 245) }
```

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

```
.border{ border-color:rgb(241, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6646, 0.3100, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 245) }
```

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

```
.background{ background-color: rgb(241,  
250, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor