

# Converting Colors

Yxy(92.9524, 0.3117, 0.3340)

Have a look what the booklet for  
Yxy(92.9524, 0.3117, 0.3340)  
contains.

<b>Yxy(93.1603, 0.3112, 0.3339)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(93.1603, 0.3112, 0.3339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F9F4
RGB	242, 249, 244
RGB Percent	95%, 98%, 96%
CMY	0.0510, 0.0235, 0.0430
CMYK	0.03, 0.00, 0.02, 0.02
HSL	137°, 37%, 96%
HSV	137°, 3%, 98%
XYZ	86.8269, 93.1603, 99.0194
YIQ	246.3370, -2.5670, -3.0390

# Conversions

## Conversions Part 2

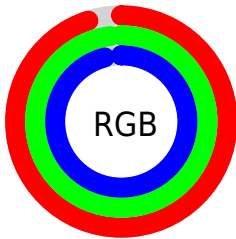
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 247, 249
Decimal	15923700
CIE Lab	97.29, -3.18, 1.56
CIE LCh	97, 3.545, 153.827
Yxy	93.1603, 0.3112, 0.3339
Android (android.graphics.Color)	4294113780 (0xFFFF2F9F4)
YUV	246.3370, -1.1521, -3.8035
Hunter-Lab	96.5196, -8.3347, 6.7381

# Details

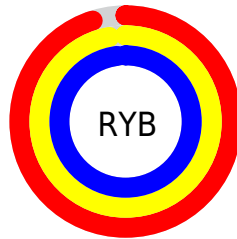
The Yxy color 93.1603, 0.3112, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.3592, 0.3143, 0.3241, and the grayscale version is 92.4612, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2099, 0.3108, 0.3353 is the 20% darker color. If you saturate the color by 10%, you get 88.0312, 0.3058, 0.3528, and if you desaturate by 10%, it is 96.2329, 0.3130, 0.3233.

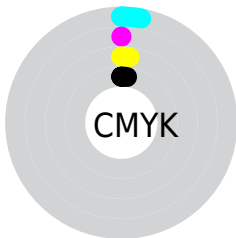
# Distribution



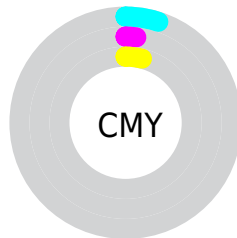
- Red (95%)
- Green (98%)
- Blue (96%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 93.1603, 0.3112, 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 93.1603, 0.3112, 0.3339 by changing the saturation by 10% instead.




 93.1603, 0.3112,  
0.3339

 93.1603, 0.3112,  
0.3339

538.2585, 0.3119,  
0.3317

 70.6047, 0.3111,  
0.3344


151.7205, 0.3114,  
0.3332

 52.0197, 0.3109,  
0.3350

188.4940, 0.3115,  
0.3329

 37.0208, 0.3106,  
0.3357


230.7755, 0.3116,  
0.3326

 25.2236, 0.3104,  
0.3366

278.9496, 0.3117,  
0.3324

 16.2437, 0.3100,  
0.3378

333.4005, 0.3117,  
0.3322

 9.6968, 0.3094,  
0.3395

394.5127, 0.3118,

 5.1984, 0.3087,

0.3320

0.3419

462.6705, 0.3118,  
0.3319

■ 2.3641, 0.3074,  
0.3459

■ 0.8073, 0.3043,  
0.3562

■ 93.1603, 0.3112,  
0.3339

■ 93.1603, 0.3112,  
0.3339

■ 88.0312, 0.3058,  
0.3528

■ 96.2329, 0.3130,  
0.3233

■ 83.5740, 0.3005,  
0.3741

■ 79.7638, 0.2955,  
0.3976

■ 76.5700, 0.2911,  
0.4231

■ 73.9591, 0.2876,  
0.4501

■ 71.8945, 0.2853,  
0.4777

■ 70.3354, 0.2845,  
0.5047

■ 69.2348, 0.2854,  
0.5298

■ 68.5364, 0.2879,  
0.5517

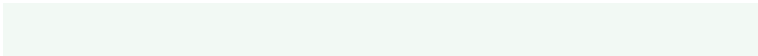
# Harmonies

## Analogous

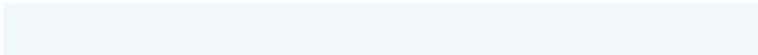
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1603, 0.3152, 0.3356



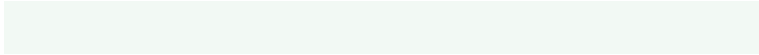
93.1603, 0.3112, 0.3339



93.1603, 0.3077, 0.3308

# Triad

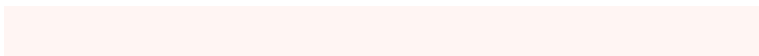
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1603, 0.3112, 0.3339



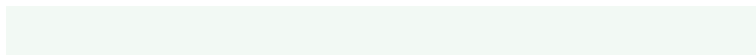
93.1603, 0.3070, 0.3225



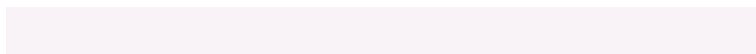
93.1603, 0.3200, 0.3307

# Complementary

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



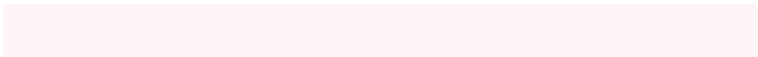
93.1603, 0.3112, 0.3339



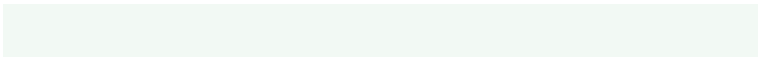
90.3592, 0.3143, 0.3241

# 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.



93.1603, 0.3178, 0.3272



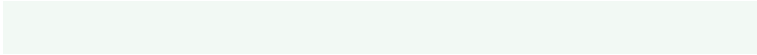
93.1603, 0.3112, 0.3339



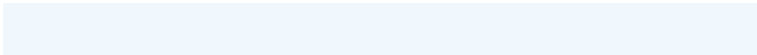
93.1603, 0.3102, 0.3225

# Square

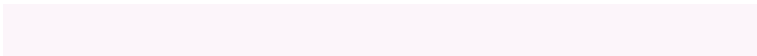
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



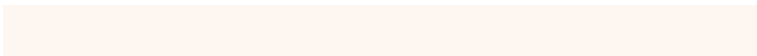
93.1603, 0.3112, 0.3339



93.1603, 0.3052, 0.3242



93.1603, 0.3142, 0.3242



93.1603, 0.3203, 0.3338

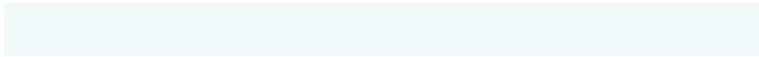


# Rectangle

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



93.1603, 0.3112, 0.3339



93.1603, 0.3060, 0.3284



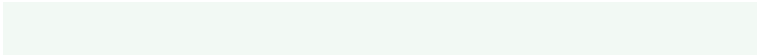
93.1603, 0.3142, 0.3242



93.1603, 0.3195, 0.3295

# Sweetspot

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



93.1643, 0.3112, 0.3339



99.4036, 0.3122, 0.3307



93.9415, 0.3156, 0.3359



21.2827, 0.3122, 0.3306



0.0000, 0.0000, 0.0000

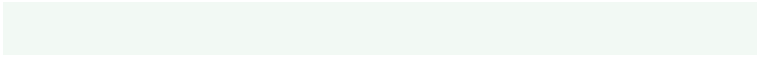


21.4041, 0.3127, 0.3290



# Same Dimension

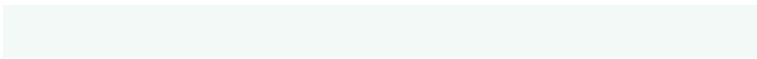
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1643, 0.3112, 0.3339



98.2331, 0.3111, 0.3342



93.3760, 0.3092, 0.3305



20.0346, 0.3107, 0.3357



36.5400, 0.2895, 0.5621



3.4018, 0.2830, 0.5388



# Inverse Universe

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



90.3592, 0.3143, 0.3241



95.0736, 0.3144, 0.3238



90.1481, 0.3164, 0.3275



19.2202, 0.3148, 0.3224



12.4994, 0.4111, 0.2039

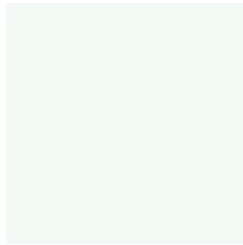


1.1761, 0.3978, 0.1965



# Previews

## White Background



This preview shows how the Yxy color 93.1603, 0.3112, 0.3339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

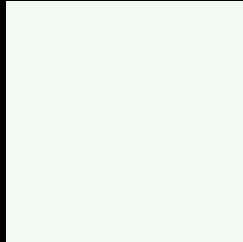
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 93.1603, 0.3112, 0.3339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

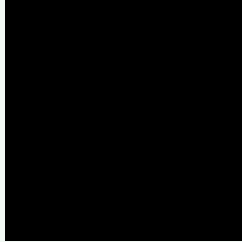
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

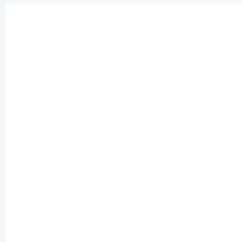
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 93.1603, 0.3112, 0.3339**

## **Background**



This preview shows how black text looks on a background with the Yxy color 93.1603, 0.3112, 0.3339.

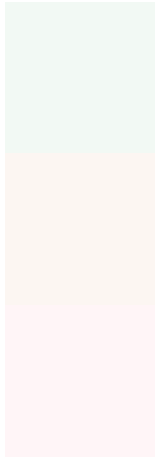


This preview shows how white text looks on a background with the Yxy color 93.1603, 0.3112, 0.3339.

# 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

93.1603, 0.3112, 0.3339

### Protanopia

93.0178, 0.3190, 0.3329

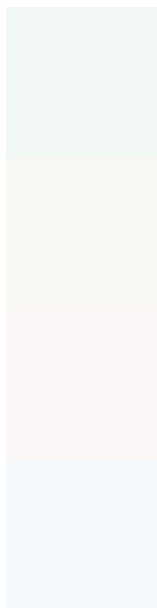
### Deuteranopia

93.2802, 0.3180, 0.3271

## **Tritanopia**

93.3344, 0.3074, 0.3212

# Trichromacy



## Original Color

93.1603, 0.3112, 0.3339

## Protanomaly

92.9491, 0.3157, 0.3329

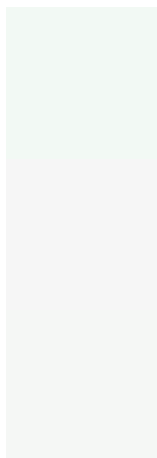
## Deuteranomaly

92.8893, 0.3153, 0.3290

## Tritanomaly

93.5123, 0.3091, 0.3261

# Monochromacy



## Original Color

93.1603, 0.3112, 0.3339

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.5266, 0.3126, 0.3310

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 93.1603, 0.3112, 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(242, 249, 244)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 244)  
}
```

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, 249, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 244) }
```

## Border

The CSS property to change the border of an element to Yxy 93.1603, 0.3112, 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(242, 249, 244) }
```

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

```
.border{ border-color:rgb(242, 249, 244) }
```

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

Here you see how a box with a 4 pixel rgb(242, 249, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
244) }
```



# Background

The CSS property to change the background color of an element to Yxy 93.1603, 0.3112, 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(242, 249, 244) }
```

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

```
.background{ background-color: rgb(242,  
249, 244) }
```

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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