

Converting Colors

Yxy(93.2824, 0.3101, 0.3320)

Have a look what the booklet for
Yxy(93.2824, 0.3101, 0.3320)
contains.

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Color

Yxy(93.2824, 0.3101, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F2F9F6
RGB	242, 249, 246
RGB Percent	95%, 98%, 96%
CMY	0.0509, 0.0235, 0.0355
CMYK	0.03, 0.00, 0.01, 0.02
HSL	154°, 37%, 96%
HSV	154°, 3%, 98%
XYZ	87.1291, 93.2824, 100.5596
YIQ	246.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

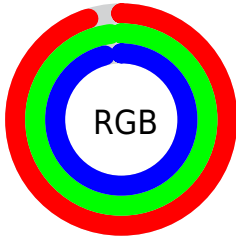
Format	Color
R _Y B	242, 246, 249
Decimal	15923702
CIE Lab	97.34, -2.83, 0.65
CIE LCh	97, 2.906, 167.086
Yxy	93.2824, 0.3101, 0.3320
Android (android.graphics.Color)	4294113782 (0xFF F2 F9 F6)
YUV	246.5650, -0.2785, -4.0035
Hunter-Lab	96.5828, -7.9918, 5.8767

Details

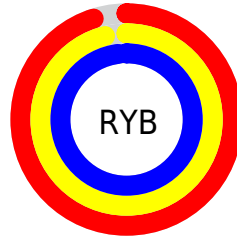
The Yxy color 93.2824, 0.3101, 0.3320 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2606, 0.3154, 0.3260, and the grayscale version is 92.6482, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2967, 0.3093, 0.3328 is the 20% darker color. If you saturate the color by 10%, you get 88.5254, 0.3009, 0.3435, and if you desaturate by 10%, it is 96.2330, 0.3130, 0.3233.

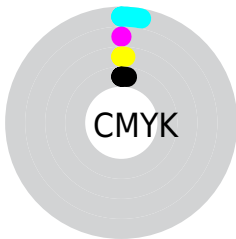
Distribution



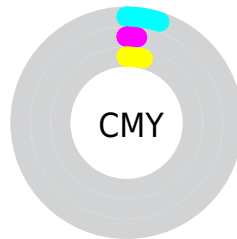
- Red (95%)
- Green (98%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2824, 0.3101, 0.3320 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 93.2824, 0.3101, 0.3320 by changing the saturation by 10% instead.


 93.2824, 0.3101,
0.3320

 93.2824, 0.3101,
0.3320


538.6515, 0.3113,
0.3307

 70.7062, 0.3098,
0.3323

151.8895, 0.3105,
0.3316

 52.1025, 0.3095,
0.3326


188.6893, 0.3107,
0.3314

 37.0868, 0.3092,
0.3331


230.9990, 0.3108,
0.3312

 25.2747, 0.3087,
0.3336

279.2032, 0.3109,
0.3311

 16.2818, 0.3080,
0.3344

333.6861, 0.3110,
0.3310

 9.7238, 0.3071,
0.3354

394.8322, 0.3111,

 5.2162, 0.3058,

0.3309

463.0259, 0.3112,
0.3308

0.3369

■ 2.3747, 0.3038,
0.3392

■ 0.8128, 0.2986,
0.3450

■ 93.2824, 0.3101,
0.3320

■ 93.2824, 0.3101,
0.3320

■ 88.5254, 0.3009,
0.3435

■ 96.2330, 0.3130,
0.3233

■ 84.3788, 0.2920,
0.3563

■ 80.8204, 0.2838,
0.3704

■ 77.8216, 0.2766,
0.3857

■ 75.3518, 0.2706,
0.4019

■ 73.3771, 0.2663,
0.4189

■ 71.8597, 0.2638,
0.4362

■ 70.7558, 0.2634,
0.4535

■ 70.0126, 0.2651,
0.4704

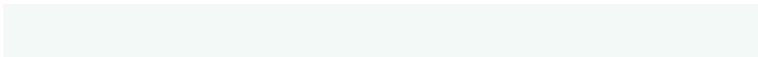
Harmonies

Analogous

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



93.2824, 0.3133, 0.3340



93.2824, 0.3101, 0.3320



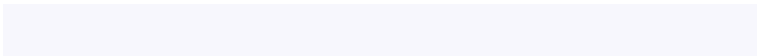
93.2824, 0.3076, 0.3292

Triad

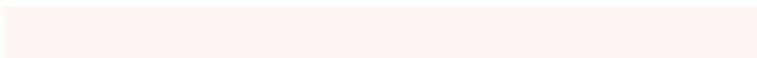
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.2824, 0.3101, 0.3320



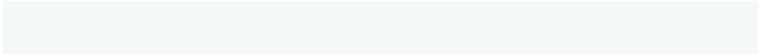
93.2824, 0.3091, 0.3235



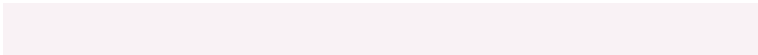
93.2824, 0.3190, 0.3316

Complementary

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



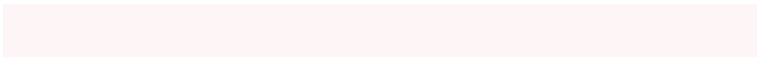
93.2824, 0.3101, 0.3320



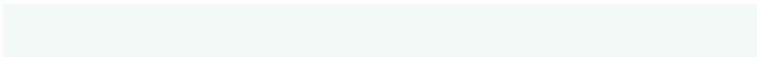
90.2606, 0.3154, 0.3260

Split Complementary

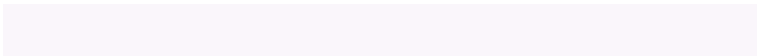
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2824, 0.3179, 0.3288



93.2824, 0.3101, 0.3320



93.2824, 0.3121, 0.3241

Square

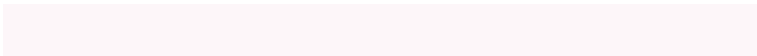
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



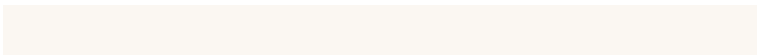
93.2824, 0.3101, 0.3320



93.2824, 0.3070, 0.3243



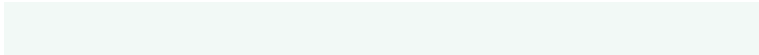
93.2824, 0.3153, 0.3261



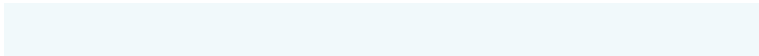
93.2824, 0.3185, 0.3337

Rectangle

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



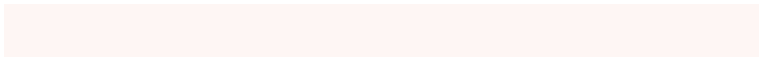
93.2824, 0.3101, 0.3320



93.2824, 0.3067, 0.3273



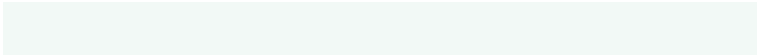
93.2824, 0.3153, 0.3261



93.2824, 0.3188, 0.3307

Sweetspot

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



93.2864, 0.3101, 0.3320



99.4478, 0.3118, 0.3301



93.6084, 0.3144, 0.3359



21.2918, 0.3118, 0.3300



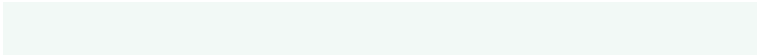
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



93.2864, 0.3101, 0.3320



98.3639, 0.3099, 0.3322



93.2601, 0.3083, 0.3286



20.0683, 0.3092, 0.3331



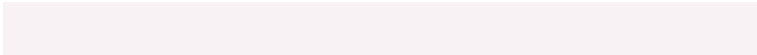
37.3080, 0.2665, 0.4795



3.4767, 0.2611, 0.4598

Inverse Universe

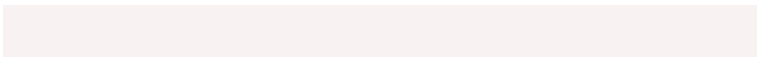
The Inverse Universe completely reimagines the original color for something new.



90.2606, 0.3154, 0.3260



94.9420, 0.3156, 0.3258



90.2832, 0.3173, 0.3294



19.1862, 0.3164, 0.3249



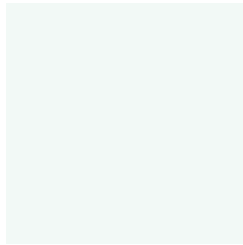
11.3996, 0.5225, 0.2652



1.0767, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 93.2824, 0.3101, 0.3320 looks on a white background.

Color Contrast Check

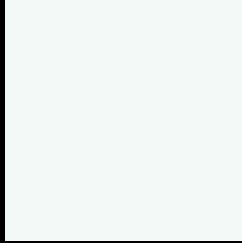
Large Text (above 18pt) WCAG AA × Fail

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 93.2824, 0.3101, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

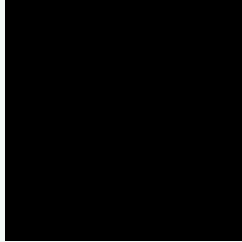
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

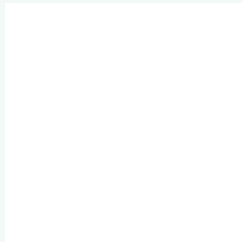
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2824, 0.3101, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 93.2824, 0.3101, 0.3320.

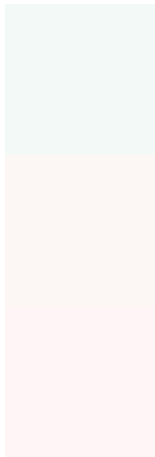


This preview shows how white text looks on a background with the Yxy color 93.2824, 0.3101, 0.3320.

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

93.2824, 0.3101, 0.3320

Protanopia

93.1386, 0.3178, 0.3310

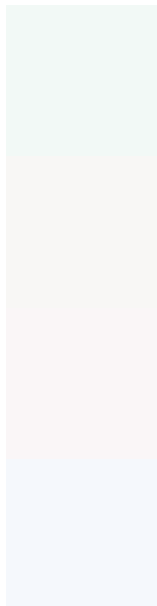
Deuteranopia

93.2802, 0.3180, 0.3271

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.2824, 0.3101, 0.3320

Protanomaly

93.0706, 0.3145, 0.3310

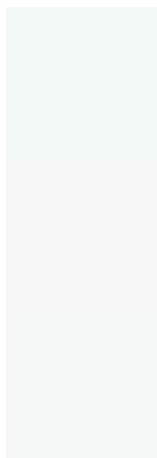
Deuteranomaly

92.9509, 0.3147, 0.3280

Tritanomaly

93.5756, 0.3085, 0.3251

Monochromacy



Original Color

93.2824, 0.3101, 0.3320

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2627, 0.3114, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2824, 0.3101, 0.3320 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 246) }
```

Border

The CSS property to change the border of an element to Yxy 93.2824, 0.3101, 0.3320 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, 246) }
```

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

```
.border{ border-color:rgb(242, 249, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2824, 0.3101, 0.3320 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, 246) }
```

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

```
.background{ background-color: rgb(242,  
249, 246) }
```

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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