

Converting Colors

Yxy(94.8746, 0.3091, 0.3408)

Have a look what the booklet for
Yxy(94.8746, 0.3091, 0.3408)
contains.

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Color

Yxy(94.6659, 0.3091, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	EDFDF2
RGB	237, 253, 242
RGB Percent	93%, 99%, 95%
CMY	0.0705, 0.0079, 0.0509
CMYK	0.06, 0.00, 0.04, 0.01
HSL	139°, 80%, 96%
HSV	139°, 6%, 99%
XYZ	86.0878, 94.6659, 97.7574
YIQ	246.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

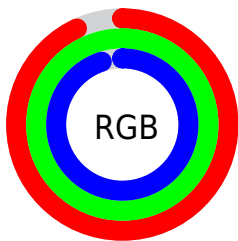
Format	Color
R _Y B	237, 249, 253
Decimal	15597042
CIE Lab	97.90, -7.18, 3.44
CIE LCh	98, 7.959, 154.415
Yxy	94.6659, 0.3091, 0.3399
Android (android.graphics.Color)	4293787122 (0xFFEDFD2)
YUV	246.9620, -2.4463, -8.7367
Hunter-Lab	97.2964, -12.3321, 8.5366

Details

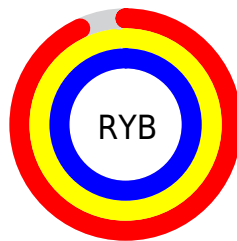
The Yxy color 94.6659, 0.3091, 0.3399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2465, 0.3165, 0.3183, and the grayscale version is 93.0108, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.8488, 0.3082, 0.3417 is the 20% darker color. If you saturate the color by 10%, you get 89.6214, 0.3034, 0.3590, and if you desaturate by 10%, it is 98.7275, 0.3128, 0.3271.

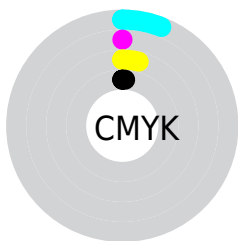
Distribution



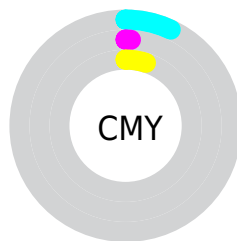
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6659, 0.3091, 0.3399 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 94.6659, 0.3091, 0.3399 by changing the saturation by 10% instead.


 94.6659, 0.3091,
0.3399

 94.6659, 0.3091,
0.3399


543.0948, 0.3107,
0.3351

 71.8569, 0.3087,
0.3410


153.8030, 0.3097,
0.3383

 53.0418, 0.3083,
0.3423


190.8998, 0.3099,
0.3376

 37.8362, 0.3078,
0.3439


233.5281, 0.3101,
0.3370

 25.8555, 0.3071,
0.3459

282.0723, 0.3102,
0.3365

 16.7156, 0.3061,
0.3487

336.9166, 0.3104,
0.3361

 10.0319, 0.3049,
0.3524

398.4455, 0.3105,

 5.4201, 0.3030,

0.3357

0.3580

467.0435, 0.3106,
0.3354

■ 2.4958, 0.2999,
0.3670

■ 0.8745, 0.2925,
0.3900

■ 94.6659, 0.3091,
0.3399

■ 94.6659, 0.3091,
0.3399

■ 89.6214, 0.3034,
0.3590

98.7275, 0.3128,
0.3271

■ 85.2582, 0.2979,
0.3803

■ 81.5502, 0.2928,
0.4038

■ 78.4647, 0.2885,
0.4291

■ 75.9664, 0.2852,
0.4557

■ 74.0161, 0.2833,
0.4825

■ 72.5698, 0.2830,
0.5085

■ 71.5763, 0.2845,
0.5324

■ 70.9722, 0.2875,
0.5530

Harmonies

Analogous

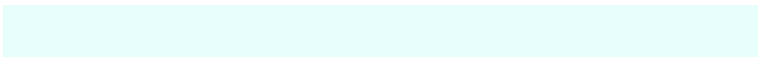
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6659, 0.3180, 0.3439



94.6659, 0.3091, 0.3399



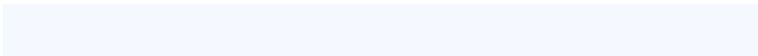
94.6659, 0.3013, 0.3329

Triad

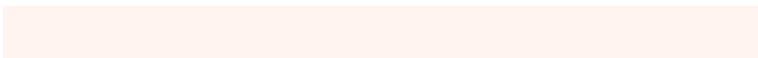
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6659, 0.3091, 0.3399



94.6659, 0.3000, 0.3144



94.6659, 0.3292, 0.3328

Complementary

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



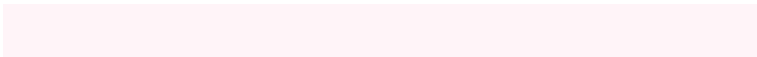
94.6659, 0.3091, 0.3399



88.2465, 0.3165, 0.3183

Split Complementary

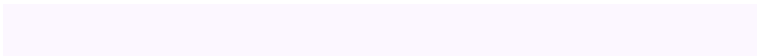
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6659, 0.3242, 0.3251



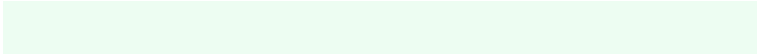
94.6659, 0.3091, 0.3399



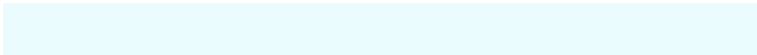
94.6659, 0.3073, 0.3146

Square

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



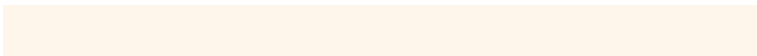
94.6659, 0.3091, 0.3399



94.6659, 0.2961, 0.3181



94.6659, 0.3162, 0.3185



94.6659, 0.3296, 0.3396

Rectangle

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



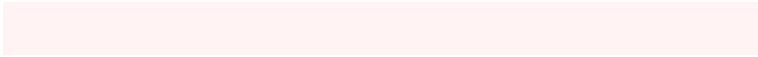
94.6659, 0.3091, 0.3399



94.6659, 0.2977, 0.3275



94.6659, 0.3162, 0.3185



94.6659, 0.3280, 0.3302

Sweetspot

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



94.6699, 0.3091, 0.3399



98.8218, 0.3116, 0.3324



96.3581, 0.3190, 0.3446



21.1643, 0.3116, 0.3322



0.0000, 0.0000, 0.0000



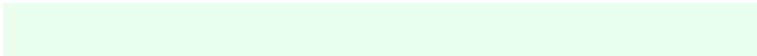
21.4041, 0.3127, 0.3290

Same Dimension

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



94.6699, 0.3091, 0.3399



95.4638, 0.3081, 0.3430



95.1474, 0.3047, 0.3321



20.2617, 0.3073, 0.3458



37.6950, 0.2880, 0.5569



3.6889, 0.2818, 0.5344

Inverse Universe

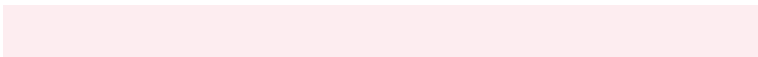
The Inverse Universe completely reimagines the original color for something new.



88.2465, 0.3165, 0.3183



87.2637, 0.3176, 0.3154



87.7737, 0.3214, 0.3259



18.1980, 0.3186, 0.3128



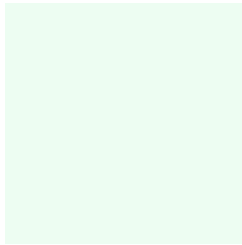
12.7595, 0.4197, 0.2086



1.2621, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 94.6659, 0.3091, 0.3399 looks on a white background.

Color Contrast Check

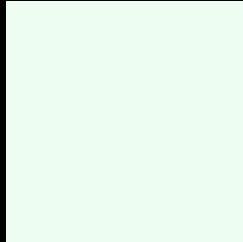
Large Text (above 18pt) WCAG AA × Fail

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 94.6659, 0.3091, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

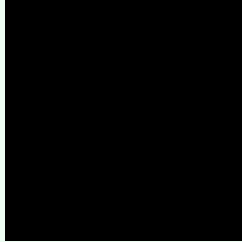
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

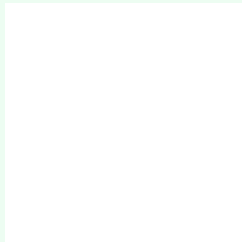
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6659, 0.3091, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 94.6659, 0.3091, 0.3399.

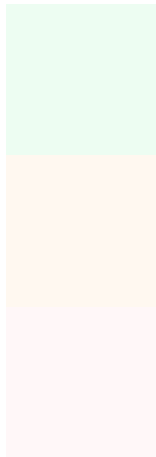


This preview shows how white text looks on a background with the Yxy color 94.6659, 0.3091, 0.3399.

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

94.6659, 0.3091, 0.3399

Protanopia

94.6861, 0.3220, 0.3368

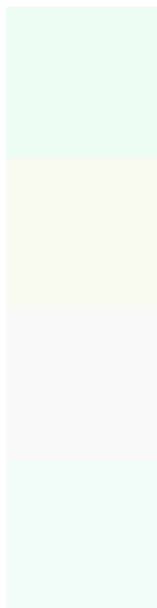
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

94.6659, 0.3091, 0.3399

Protanomaly

94.6785, 0.3167, 0.3378

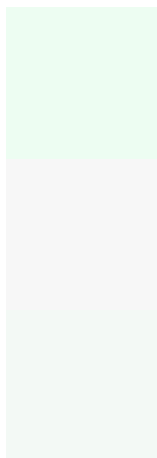
Deuteranomaly

94.3616, 0.3138, 0.3319

Tritanomaly

94.3280, 0.3083, 0.3290

Monochromacy



Original Color

94.6659, 0.3091, 0.3399

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.3986, 0.3113, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6659, 0.3091, 0.3399 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(237, 253, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 253, 242)  
}
```

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(237, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 253, 242) }
```

Border

The CSS property to change the border of an element to Yxy 94.6659, 0.3091, 0.3399 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(237, 253, 242) }
```

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

```
.border{ border-color:rgb(237, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 253,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6659, 0.3091, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 253, 242) }
```

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

```
.background{ background-color: rgb(237,  
253, 242) }
```

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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