

Converting Colors

$Yxy(93.0615, 0.3104, 0.3494)$

Have a look what the booklet for
Yxy(93.0615, 0.3104, 0.3494)
contains.

Yxy(93.1227, 0.3105, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.1227, 0.3105, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	E7FDE9
RGB	231, 253, 233
RGB Percent	91%, 99%, 91%
CMY	0.0943, 0.0078, 0.0863
CMYK	0.09, 0.00, 0.08, 0.01
HSL	126°, 85%, 95%
HSV	126°, 9%, 99%
XYZ	82.7787, 93.1227, 90.6967
YIQ	244.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

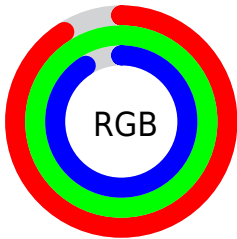
Format	Color
R _Y B	231, 251, 253
Decimal	15203817
CIE Lab	97.28, -10.78, 7.13
CIE LCh	97, 12.918, 146.524
Yxy	93.1227, 0.3105, 0.3493
Android (android.graphics.Color)	4293393897 (0xFFE7FDE9)
YUV	244.1420, -5.4930, -11.5255
Hunter-Lab	96.5001, -15.7562, 11.8257

Details

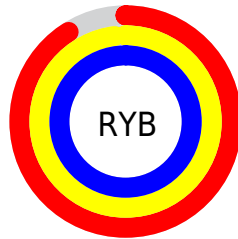
The Yxy color **93.1227, 0.3105, 0.3493** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9822, 0.3150, 0.3095**, and the grayscale version is **90.6331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7681, 0.3100, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **87.9886, 0.3079, 0.3756**, and if you desaturate by 10%, it is **98.7407, 0.3128, 0.3271**.

Distribution



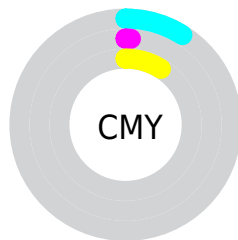
- Red (91%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1227, 0.3105, 0.3493 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 93.1227, 0.3105, 0.3493 by changing the saturation by 10% instead.

 93.1227, 0.3105,
0.3493

 93.1227, 0.3105,
0.3493

538.1374, 0.3116,
0.3402

 70.5735, 0.3103,
0.3513

151.6685, 0.3109,
0.3462

 51.9942, 0.3100,
0.3538


188.4338, 0.3110,
0.3450

 37.0005, 0.3096,
0.3569

230.7067, 0.3111,
0.3439

 25.2078, 0.3091,
0.3608

278.8715, 0.3112,
0.3430

 16.2320, 0.3084,
0.3661

333.3125, 0.3113,
0.3422

 9.6885, 0.3073,
0.3735

394.4143, 0.3114,

 5.1929, 0.3057,

0.3414

0.3845

462.5611, 0.3115,
0.3408

■ 2.3609, 0.3028,
0.4027

■ 0.8057, 0.2979,
0.4775

■ 93.1227, 0.3105,
0.3493

■ 93.1227, 0.3105,
0.3493

■ 87.9886, 0.3079,
0.3756

98.7407, 0.3128,
0.3271

■ 83.5974, 0.3052,
0.4049

■ 79.9182, 0.3026,
0.4368

■ 76.9135, 0.3004,
0.4704

■ 74.5422, 0.2985,
0.5038

■ 72.7586, 0.2974,
0.5351

■ 71.5111, 0.2971,
0.5617

■ 70.7389, 0.2976,
0.5817

■ 70.3573, 0.2986,
0.5941

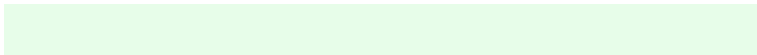
Harmonies

Analogous

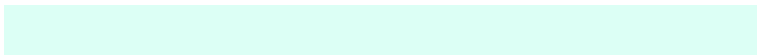
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1227, 0.3248, 0.3541



93.1227, 0.3105, 0.3493



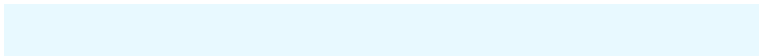
93.1227, 0.2970, 0.3386

Triad

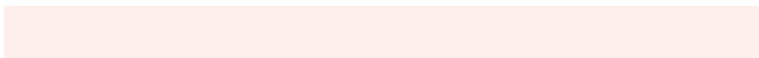
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1227, 0.3105, 0.3493



93.1227, 0.2897, 0.3063



93.1227, 0.3382, 0.3317

Complementary

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



93.1227, 0.3105, 0.3493



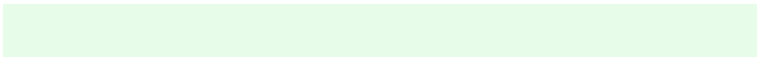
84.9822, 0.3150, 0.3095

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.



93.1227, 0.3284, 0.3195



93.1227, 0.3105, 0.3493



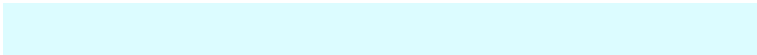
93.1227, 0.3003, 0.3050

Square

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



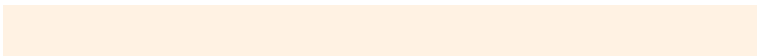
93.1227, 0.3105, 0.3493



93.1227, 0.2852, 0.3136



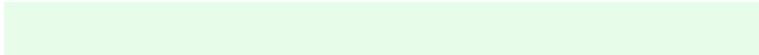
93.1227, 0.3145, 0.3099



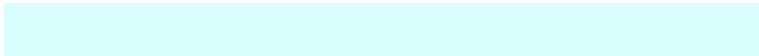
93.1227, 0.3410, 0.3435

Rectangle

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



93.1227, 0.3105, 0.3493



93.1227, 0.2903, 0.3299



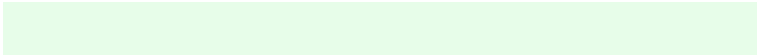
93.1227, 0.3145, 0.3099



93.1227, 0.3356, 0.3275

Sweetspot

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



93.1267, 0.3105, 0.3493



98.1385, 0.3120, 0.3357



96.5706, 0.3245, 0.3506



20.9018, 0.3118, 0.3376



0.0000, 0.0000, 0.0000



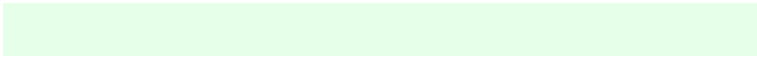
21.4041, 0.3127, 0.3290

Same Dimension

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



93.1267, 0.3105, 0.3493



94.0779, 0.3102, 0.3525



93.7650, 0.3043, 0.3382



20.1953, 0.3103, 0.3513



37.4131, 0.2983, 0.5939



3.6515, 0.2949, 0.5816

Inverse Universe

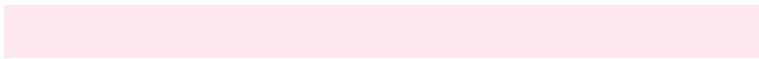
The Inverse Universe completely reimagines the original color for something new.



84.9822, 0.3150, 0.3095



84.6455, 0.3154, 0.3066



84.3184, 0.3219, 0.3200



18.2699, 0.3152, 0.3077



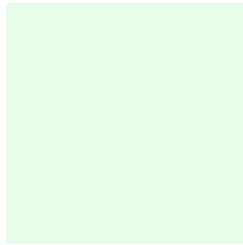
14.1512, 0.3456, 0.1677



1.3859, 0.3424, 0.1660

Previews

White Background



This preview shows how the Yxy color 93.1227, 0.3105, 0.3493 looks on a white background.

Color Contrast Check

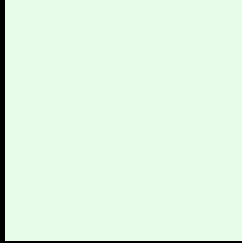
Large Text (above 18pt) WCAG AA × Fail

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 93.1227, 0.3105, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

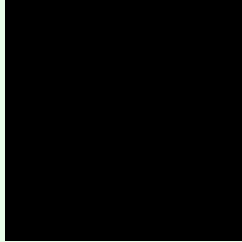
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

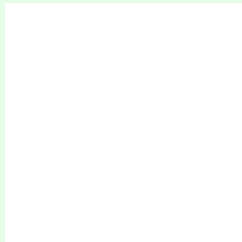
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1227, 0.3105, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 93.1227, 0.3105, 0.3493.

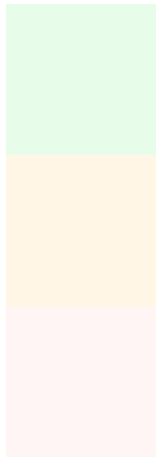


This preview shows how white text looks on a background with the Yxy color 93.1227, 0.3105, 0.3493.

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

93.1227, 0.3105, 0.3493

Protanopia

92.8847, 0.3283, 0.3447

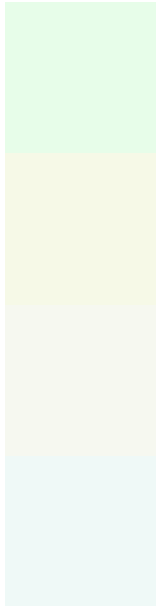
Deuteranopia

93.0965, 0.3198, 0.3300

Tritanopia

92.7962, 0.3055, 0.3212

Trichromacy



Original Color

93.1227, 0.3105, 0.3493

Protanomaly

93.1137, 0.3215, 0.3469

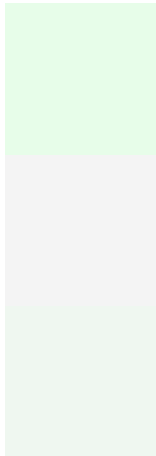
Deuteranomaly

93.0189, 0.3162, 0.3369

Tritanomaly

92.8175, 0.3076, 0.3310

Monochromacy



Original Color

93.1227, 0.3105, 0.3493

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.1635, 0.3117, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1227, 0.3105, 0.3493 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(231, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(231, 253, 233)  
}
```

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(231, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 253, 233) }
```

Border

The CSS property to change the border of an element to Yxy 93.1227, 0.3105, 0.3493 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(231, 253, 233) }
```

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

```
.border{ border-color:rgb(231, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 253,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1227, 0.3105, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 253, 233) }
```

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

```
.background{ background-color: rgb(231,  
253, 233) }
```

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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