

Converting Colors

$Yxy(95.0912, 0.3165, 0.3556)$

Have a look what the booklet for
Yxy(95.0912, 0.3165, 0.3556)
contains.

Yxy(95.1817, 0.3165, 0.3551)	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(95.1817, 0.3165, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE5
RGB	237, 255, 229
RGB Percent	93%, 100%, 90%
CMY	0.0705, 0.0000, 0.1020
CMYK	0.07, 0.00, 0.10, 0.00
HSL	101°, 100%, 95%
HSV	101°, 10%, 100%
XYZ	84.8353, 95.1817, 88.0250
YIQ	246.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

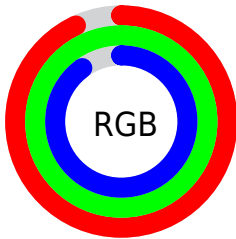
Format	Color
R _Y B	229, 255, 247
Decimal	15597541
CIE Lab	98.11, -10.43, 10.42
CIE LCh	98, 14.741, 135.014
Yxy	95.1817, 0.3165, 0.3551
Android (android.graphics.Color)	4293787621 (0xFFEDFFE5)
YUV	246.6540, -8.7034, -8.4666
Hunter-Lab	97.5611, -15.5154, 14.7981

Details

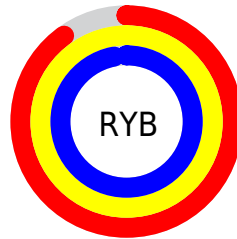
The Yxy color **95.1817, 0.3165, 0.3551** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83.0231, 0.3085, 0.3034**, and the grayscale version is **92.7960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2679, 0.3168, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **90.9788, 0.3200, 0.3834**, and if you desaturate by 10%, it is **99.9000, 0.3128, 0.3295**.

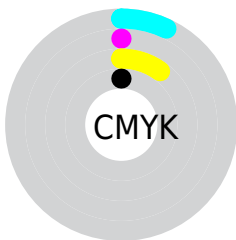
Distribution



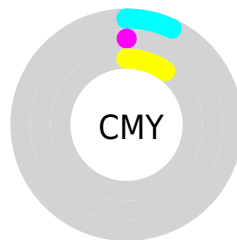
- Red (93%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1817, 0.3165, 0.3551 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 95.1817, 0.3165, 0.3551 by changing the saturation by 10% instead.


 95.1817, 0.3165,
0.3551

 95.1817, 0.3165,
0.3551


544.7465, 0.3149,
0.3434

 72.2862, 0.3168,
0.3577

154.5156, 0.3160,
0.3511

 53.3925, 0.3172,
0.3608


191.7228, 0.3158,
0.3495

 38.1162, 0.3177,
0.3648

234.4694, 0.3156,
0.3482

 26.0729, 0.3182,
0.3698

283.1397, 0.3154,
0.3470

 16.8782, 0.3189,
0.3765

338.1182, 0.3153,
0.3459

 10.1477, 0.3197,
0.3858

399.7892, 0.3152,

 5.4970, 0.3207,

0.3450

0.3996

468.5372, 0.3150,
0.3442

■ 2.5417, 0.3218,
0.4222

■ 0.8975, 0.3431,
0.5145

■ 95.1817, 0.3165,
0.3551

■ 95.1817, 0.3165,
0.3551

■ 90.9788, 0.3200,
0.3834

99.9000, 0.3128,
0.3295

■ 87.2613, 0.3232,
0.4141

99.9985, 0.3127,
0.3290

■ 84.0147, 0.3256,
0.4464

■ 81.2190, 0.3271,
0.4792

■ 78.8526, 0.3273,
0.5108

■ 76.8921, 0.3259,
0.5392

■ 75.3114, 0.3230,
0.5625

■ 74.0807, 0.3187,
0.5791

■ 73.1734, 0.3137,
0.5891

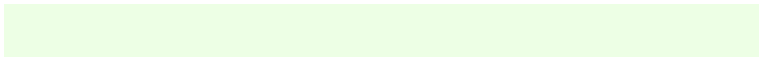
Harmonies

Analogous

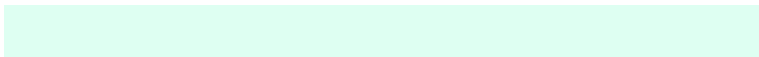
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1817, 0.3319, 0.3574



95.1817, 0.3165, 0.3551



95.1817, 0.3004, 0.3452

Triad

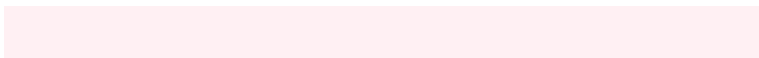
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1817, 0.3165, 0.3551



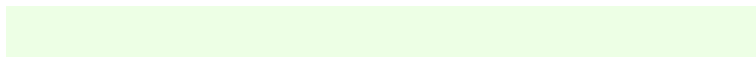
95.1817, 0.2838, 0.3057



95.1817, 0.3381, 0.3266

Complementary

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



95.1817, 0.3165, 0.3551



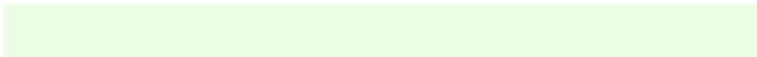
83.0231, 0.3085, 0.3034

Split Complementary

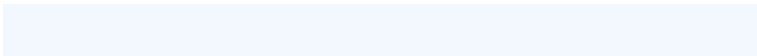
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1817, 0.3247, 0.3136



95.1817, 0.3165, 0.3551



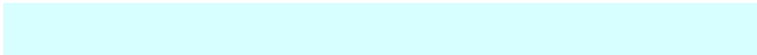
95.1817, 0.2934, 0.3016

Square

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



95.1817, 0.3165, 0.3551



95.1817, 0.2818, 0.3162



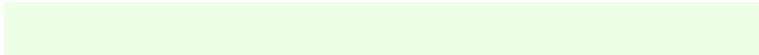
95.1817, 0.3083, 0.3046



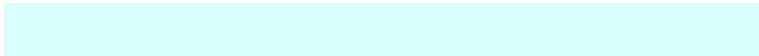
95.1817, 0.3446, 0.3405

Rectangle

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



95.1817, 0.3165, 0.3551



95.1817, 0.2914, 0.3358



95.1817, 0.3083, 0.3046



95.1817, 0.3343, 0.3220

Sweetspot

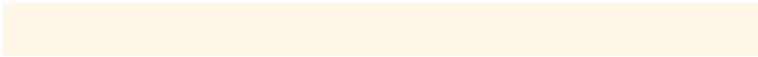
The Sweet Spot groups the original color and five complimentary colors.



95.1858, 0.3165, 0.3551



98.5284, 0.3138, 0.3364



93.2937, 0.3289, 0.3464



21.0066, 0.3141, 0.3384



0.0000, 0.0000, 0.0000



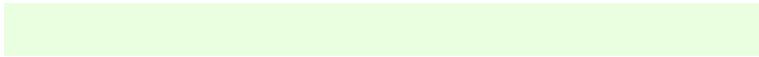
21.4041, 0.3127, 0.3290

Same Dimension

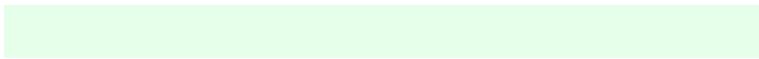
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1858, 0.3165, 0.3551



94.3922, 0.3172, 0.3600



94.1028, 0.3088, 0.3505



20.4404, 0.3162, 0.3532



38.3042, 0.3148, 0.5883



3.7843, 0.3231, 0.5817

Inverse Universe

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



83.0231, 0.3085, 0.3034



80.2565, 0.3077, 0.2987



84.2126, 0.3169, 0.3084



18.0022, 0.3088, 0.3052



8.6886, 0.2439, 0.1117



0.9038, 0.2529, 0.1167

Previews

White Background



This preview shows how the Yxy color 95.1817, 0.3165, 0.3551 looks on a white background.

Color Contrast Check

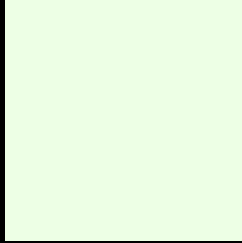
Large Text (above 18pt) WCAG AA × Fail

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 95.1817, 0.3165, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

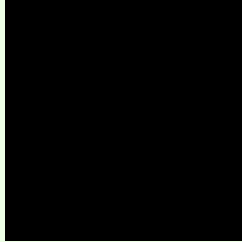
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

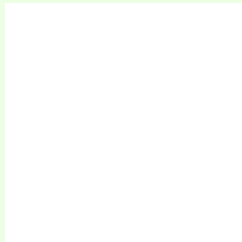
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1817, 0.3165, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 95.1817, 0.3165, 0.3551.

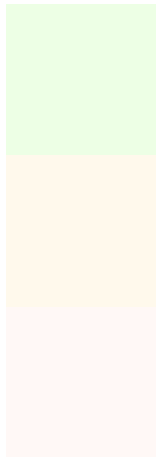


This preview shows how white text looks on a background with the Yxy color 95.1817, 0.3165, 0.3551.

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

95.1817, 0.3165, 0.3551

Protanopia

95.0675, 0.3243, 0.3416

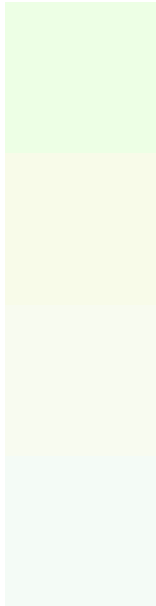
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1817, 0.3165, 0.3551

Protanomaly

94.8340, 0.3214, 0.3467

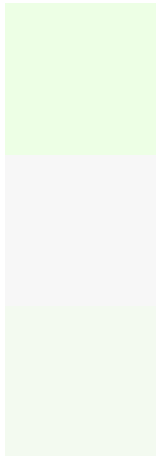
Deuteranomaly

95.2421, 0.3173, 0.3398

Tritanomaly

94.8813, 0.3112, 0.3339

Monochromacy



Original Color

95.1817, 0.3165, 0.3551

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7172, 0.3142, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1817, 0.3165, 0.3551 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, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 229)  
}
```

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, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 95.1817, 0.3165, 0.3551 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, 255, 229) }
```

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

```
.border{ border-color:rgb(237, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1817, 0.3165, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 229) }
```

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

```
.background{ background-color: rgb(237,  
255, 229) }
```

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