

Converting Colors

$Yxy(95.4061, 0.3229, 0.3622)$

Have a look what the booklet for
Yxy(95.4061, 0.3229, 0.3622)
contains.

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Color

Yxy(95.4947, 0.3231, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFDE
RGB	241, 255, 222
RGB Percent	95%, 100%, 87%
CMY	0.0548, 0.0000, 0.1293
CMYK	0.05, 0.00, 0.13, 0.00
HSL	85°, 100%, 94%
HSV	85°, 13%, 100%
XYZ	85.2330, 95.4947, 83.0698
YIQ	247.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

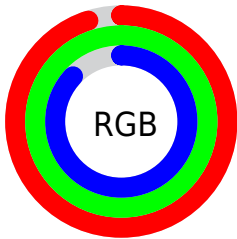
Format	Color
R _Y B	222, 255, 236
Decimal	15859678
CIE Lab	98.23, -10.21, 14.20
CIE LCh	98, 17.492, 125.726
Yxy	95.4947, 0.3231, 0.3620
Android (android.graphics.Color)	4294049758 (0xFFFF1FFDE)
YUV	247.0520, -12.3506, -5.3076
Hunter-Lab	97.7214, -15.3240, 18.0044

Details

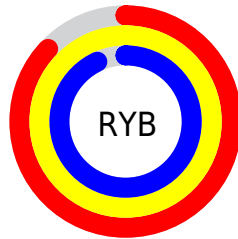
The Yxy color **95.4947, 0.3231, 0.3620** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.3115, 0.3013, 0.2957**, and the grayscale version is **93.1659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4925, 0.3252, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **92.3884, 0.3310, 0.3896**, and if you desaturate by 10%, it is **98.9287, 0.3151, 0.3362**.

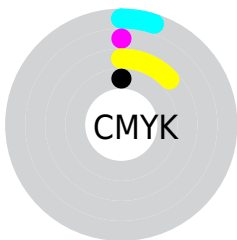
Distribution



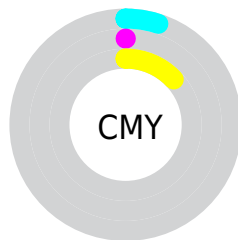
- Red (95%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4947, 0.3231, 0.3620 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 95.4947, 0.3231, 0.3620 by changing the saturation by 10% instead.


 95.4947, 0.3231,
0.3620

 95.4947, 0.3231,
0.3620

545.7475, 0.3187,
0.3472

 72.5468, 0.3240,
0.3653


154.9479, 0.3216,
0.3570

 53.6055, 0.3252,
0.3693


192.2219, 0.3210,
0.3550

 38.2863, 0.3265,
0.3742


235.0401, 0.3205,
0.3532

 26.2050, 0.3282,
0.3806

283.7869, 0.3201,
0.3517

 16.9771, 0.3303,
0.3890

338.8466, 0.3196,
0.3504

 10.2181, 0.3331,
0.4007

400.6037, 0.3193,

 5.5438, 0.3368,

0.3492

0.4180

469.4425, 0.3190,
0.3482

■ 2.5697, 0.3417,
0.4458

■ 0.9115, 0.4036,
0.5964

■ 95.4947, 0.3231,
0.3620

■ 95.4947, 0.3231,
0.3620

■ 92.3884, 0.3310,
0.3896

■ 98.9287, 0.3151,
0.3362

■ 89.5862, 0.3385,
0.4185

99.9958, 0.3127,
0.3290

■ 87.0802, 0.3451,
0.4478

■ 84.8578, 0.3503,
0.4764

■ 82.9047, 0.3537,
0.5029

■ 81.2055, 0.3548,
0.5259

■ 79.7424, 0.3536,
0.5441

■ 78.4943, 0.3499,
0.5569

■ 77.7206, 0.3463,
0.5632

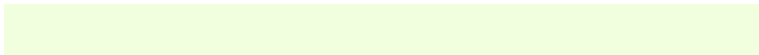
Harmonies

Analogous

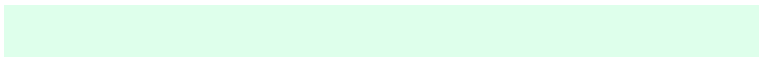
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4947, 0.3401, 0.3616



95.4947, 0.3231, 0.3620



95.4947, 0.3037, 0.3527

Triad

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



95.4947, 0.3231, 0.3620



95.4947, 0.2769, 0.3044



95.4947, 0.3386, 0.3210

Complementary

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



95.4947, 0.3231, 0.3620



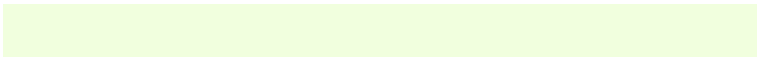
77.3115, 0.3013, 0.2957

Split Complementary

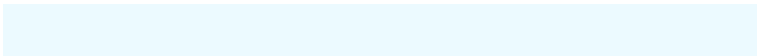
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.4947, 0.3210, 0.3069



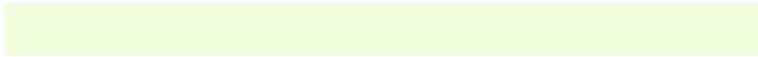
95.4947, 0.3231, 0.3620



95.4947, 0.2855, 0.2972

Square

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



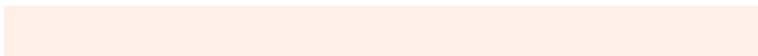
95.4947, 0.3231, 0.3620



95.4947, 0.2775, 0.3187



95.4947, 0.3015, 0.2983



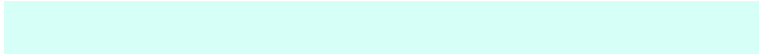
95.4947, 0.3493, 0.3375

Rectangle

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



95.4947, 0.3231, 0.3620



95.4947, 0.2921, 0.3424



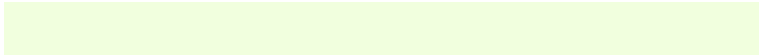
95.4947, 0.3015, 0.2983



95.4947, 0.3333, 0.3159

Sweetspot

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



95.4988, 0.3231, 0.3620



98.5504, 0.3159, 0.3389



86.3914, 0.3346, 0.3427



21.0367, 0.3165, 0.3407



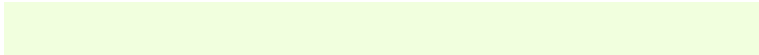
0.0000, 0.0000, 0.0000



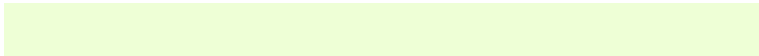
21.4041, 0.3127, 0.3290

Same Dimension

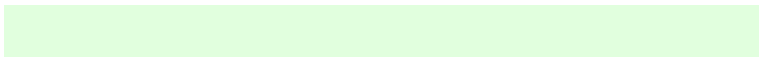
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4988, 0.3231, 0.3620



94.5146, 0.3256, 0.3703



92.7639, 0.3128, 0.3630



20.6852, 0.3203, 0.3529



40.7029, 0.3474, 0.5623



4.0275, 0.3553, 0.5561

Inverse Universe

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



77.3115, 0.3013, 0.2957



72.4827, 0.2982, 0.2872



80.2218, 0.3123, 0.2968



17.7536, 0.3045, 0.3049



5.5212, 0.1881, 0.0810



0.6003, 0.2007, 0.0879

Previews

White Background



This preview shows how the Yxy color 95.4947, 0.3231, 0.3620 looks on a white background.

Color Contrast Check

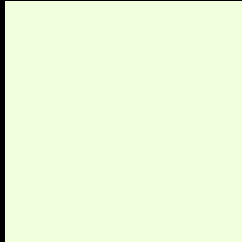
Large Text (above 18pt) WCAG AA × Fail

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 95.4947, 0.3231, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

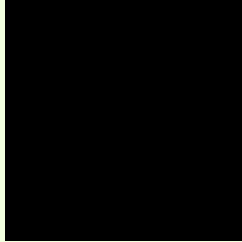
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

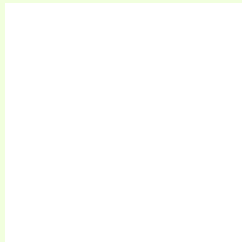
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.4947, 0.3231, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 95.4947, 0.3231, 0.3620.

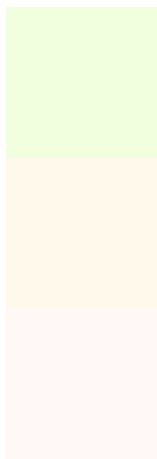


This preview shows how white text looks on a background with the Yxy color 95.4947, 0.3231, 0.3620.

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

95.4947, 0.3231, 0.3620

Protanopia

95.0675, 0.3243, 0.3416

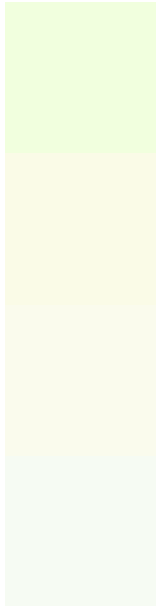
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.4947, 0.3231, 0.3620

Protanomaly

95.0879, 0.3239, 0.3486

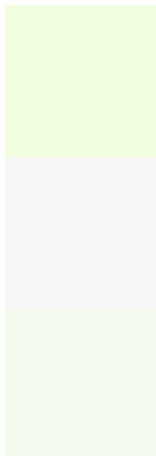
Deuteranomaly

95.4328, 0.3203, 0.3427

Tritanomaly

95.0583, 0.3142, 0.3368

Monochromacy



Original Color

95.4947, 0.3231, 0.3620

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.9567, 0.3166, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4947, 0.3231, 0.3620 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(241, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 222)  
}
```

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(241, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 95.4947, 0.3231, 0.3620 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(241, 255, 222) }
```

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

```
.border{ border-color:rgb(241, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4947, 0.3231, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 222) }
```

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

```
.background{ background-color: rgb(241,  
255, 222) }
```

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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