

Converting Colors

$Yxy(97.3951, 0.3240, 0.3540)$

Have a look what the booklet for
Yxy(97.3951, 0.3240, 0.3540)
contains.

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Color

Yxy(97.3169, 0.3241, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFE5
RGB	249, 255, 229
RGB Percent	98%, 100%, 90%
CMY	0.0235, 0.0000, 0.1019
CMYK	0.02, 0.00, 0.10, 0.00
HSL	74°, 100%, 95%
HSV	74°, 10%, 100%
XYZ	88.9715, 97.3169, 88.2303
YIQ	250.2420, 4.7700, -9.3580

Conversions

Conversions Part 2

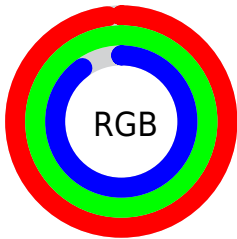
Format	Color
R _Y B	229, 255, 235
Decimal	16383973
CIE Lab	98.95, -6.38, 11.74
CIE LCh	99, 13.357, 118.515
Yxy	97.3169, 0.3241, 0.3545
Android (android.graphics.Color)	4294574053 (0xFF99FF99)
YUV	250.2420, -10.4723, -1.0892
Hunter-Lab	98.6493, -11.6477, 16.0265

Details

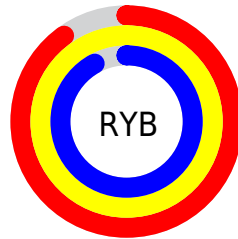
The Yxy color 97.3169, 0.3241, 0.3545 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 80.9283, 0.3006, 0.3028, and the grayscale version is 95.8951, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.7816, 0.3265, 0.3590 is the 20% darker color. If you saturate the color by 10%, you get 94.9323, 0.3354, 0.3808, and if you desaturate by 10%, it is 99.9472, 0.3129, 0.3295.

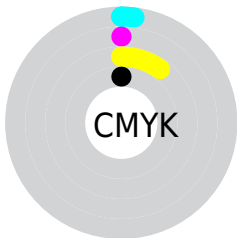
Distribution



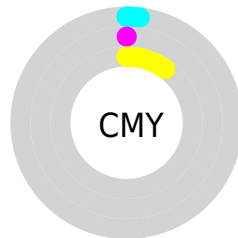
- Red (98%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.3169, 0.3241, 0.3545 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 97.3169, 0.3241, 0.3545 by changing the saturation by 10% instead.

 97.3169, 0.3241,
0.3545

 97.3169, 0.3241,
0.3545


551.5560, 0.3192,
0.3432

 74.0648, 0.3252,
0.3570


157.4616, 0.3224,
0.3507

 54.8471, 0.3264,
0.3600


195.1231, 0.3218,
0.3491

 39.2793, 0.3280,
0.3637


238.3565, 0.3212,
0.3478

 26.9771, 0.3299,
0.3685

287.5462, 0.3207,
0.3467

 17.5560, 0.3324,
0.3748

343.0766, 0.3203,
0.3456

 10.6317, 0.3358,
0.3834

405.3321, 0.3199,

 5.8198, 0.3405,

0.3447

0.3960

474.6971, 0.3195,
0.3439

■ 2.7358, 0.3474,
0.4161

■ 0.9954, 0.3854,
0.4878

■ 97.3169, 0.3241,
0.3545

■ 97.3169, 0.3241,
0.3545

■ 94.9323, 0.3354,
0.3808

99.9472, 0.3129,
0.3295

■ 92.7802, 0.3464,
0.4079

100.0000, 0.3127,
0.3290

■ 90.8516, 0.3568,
0.4349

■ 89.1358, 0.3659,
0.4607

■ 87.6209, 0.3732,
0.4842

■ 86.2935, 0.3782,
0.5044

■ 85.1385, 0.3807,
0.5202

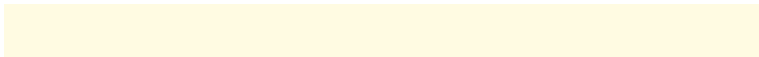
■ 84.1379, 0.3805,
0.5312

■ 83.2780, 0.3783,
0.5379

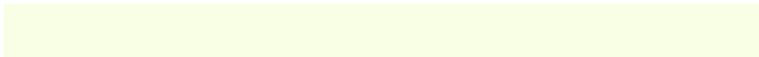
Harmonies

Analogous

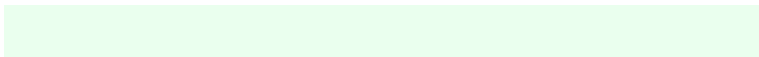
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.3169, 0.3359, 0.3526



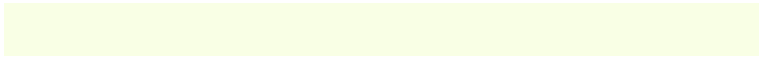
97.3169, 0.3241, 0.3545



97.3169, 0.3095, 0.3491

Triad

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



97.3169, 0.3241, 0.3545



97.3169, 0.2848, 0.3127



97.3169, 0.3295, 0.3201

Complementary

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



97.3169, 0.3241, 0.3545



80.9283, 0.3006, 0.3028

Split Complementary

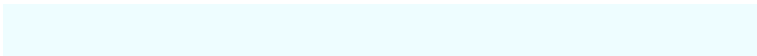
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.3169, 0.3155, 0.3100



97.3169, 0.3241, 0.3545



97.3169, 0.2898, 0.3056

Square

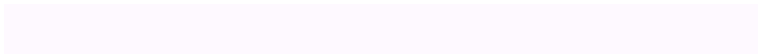
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



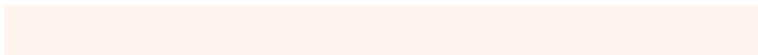
97.3169, 0.3241, 0.3545



97.3169, 0.2870, 0.3245



97.3169, 0.3010, 0.3047



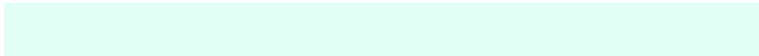
97.3169, 0.3391, 0.3326

Rectangle

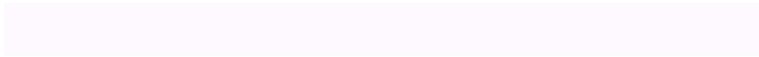
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.3169, 0.3241, 0.3545



97.3169, 0.3001, 0.3421



97.3169, 0.3010, 0.3047



97.3169, 0.3251, 0.3164

Sweetspot

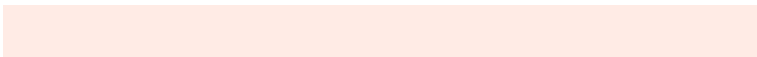
The Sweet Spot groups the original color and five complimentary colors.



97.3182, 0.3241, 0.3545



99.1838, 0.3160, 0.3363



86.1297, 0.3302, 0.3346



21.1835, 0.3169, 0.3383



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.



97.3182, 0.3241, 0.3545



96.8690, 0.3261, 0.3592



95.0749, 0.3161, 0.3551



20.8671, 0.3233, 0.3527



43.5853, 0.3790, 0.5373



4.2927, 0.3838, 0.5335

Inverse Universe

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



80.9283, 0.3006, 0.3028



77.8122, 0.2982, 0.2978



83.1550, 0.3090, 0.3035



17.5799, 0.3015, 0.3047



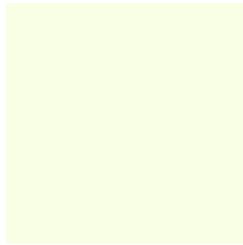
4.3109, 0.1624, 0.0668



0.4665, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 97.3169, 0.3241, 0.3545 looks on a white background.

Color Contrast Check

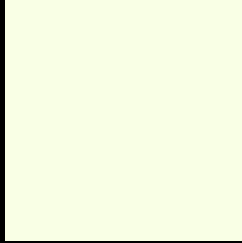
Large Text (above 18pt) WCAG AA × Fail

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 97.3169, 0.3241, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

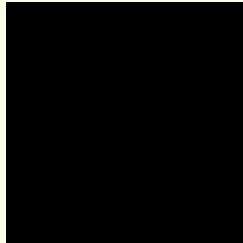
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.3169, 0.3241, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 97.3169, 0.3241, 0.3545.



This preview shows how white text looks on a background with the Yxy color 97.3169, 0.3241, 0.3545.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light yellow bottom section. To the right of each section is text describing the color and its corresponding RGB values.

Original Color

97.3169, 0.3241, 0.3545

Protanopia

97.4734, 0.3187, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



A vertical color bar on the left side of the Trichromacy section, showing a gradient from light yellow at the top to light green at the bottom.

Original Color

97.3169, 0.3241, 0.3545

Protanomaly

97.3652, 0.3209, 0.3426

Deuteranomaly

96.9143, 0.3192, 0.3387

Tritanomaly

96.7839, 0.3156, 0.3348

Monochromacy



A vertical color bar on the left side of the Monochromacy section, showing a gradient from light yellow at the top to light green at the bottom.

Original Color

97.3169, 0.3241, 0.3545

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.3556, 0.3173, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.3169, 0.3241, 0.3545 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(249, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 97.3169, 0.3241, 0.3545 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(249, 255, 229) }
```

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

```
.border{ border-color:rgb(249, 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(249, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 255, 229); box-shadow:4px 4px 4px 4px rgb(249, 255, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 97.3169, 0.3241, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 229) }
```

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

```
.background{ background-color: rgb(249,  
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](#).

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