

Converting Colors

$Yxy(96.0079, 0.3199, 0.3549)$

Have a look what the booklet for
Yxy(96.0079, 0.3199, 0.3549)
contains.

Yxy(96.0544, 0.3196, 0.3549)	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(96.0544, 0.3196, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFE5
RGB	242, 255, 229
RGB Percent	95%, 100%, 90%
CMY	0.0513, 0.0000, 0.1020
CMYK	0.05, 0.00, 0.10, 0.00
HSL	90°, 100%, 95%
HSV	90°, 10%, 100%
XYZ	86.5004, 96.0544, 88.0972
YIQ	248.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

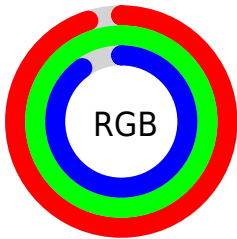
Format	Color
R _Y B	229, 255, 242
Decimal	15925221
CIE Lab	98.45, -8.80, 10.97
CIE LCh	98, 14.060, 128.723
Yxy	96.0544, 0.3196, 0.3549
Android (android.graphics.Color)	4294115301 (0xFFFF2FFE5)
YUV	248.1490, -9.4405, -5.3927
Hunter-Lab	98.0073, -13.9704, 15.3103

Details

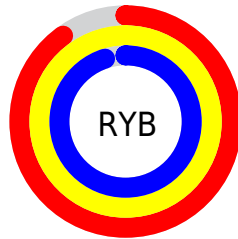
The Yxy color 96.0544, 0.3196, 0.3549 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 82.1371, 0.3052, 0.3032, and the grayscale version is 94.0552, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8833, 0.3208, 0.3595 is the 20% darker color. If you saturate the color by 10%, you get 92.5321, 0.3263, 0.3824, and if you desaturate by 10%, it is 99.9177, 0.3129, 0.3295.

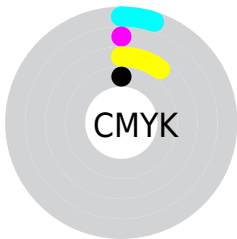
Distribution



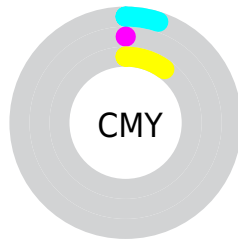
- Red (95%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0544, 0.3196, 0.3549 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 96.0544, 0.3196, 0.3549 by changing the saturation by 10% instead.

 96.0544, 0.3196,
0.3549

 96.0544, 0.3196,
0.3549


547.5350, 0.3167,
0.3433

 73.0129, 0.3202,
0.3575


155.7205, 0.3186,
0.3510

 53.9865, 0.3210,
0.3606


193.1138, 0.3182,
0.3494

 38.5909, 0.3219,
0.3644


236.0599, 0.3179,
0.3481

 26.4416, 0.3230,
0.3694

284.9431, 0.3176,
0.3469

 17.1543, 0.3244,
0.3759

340.1478, 0.3173,
0.3458

 10.3446, 0.3263,
0.3850

402.0585, 0.3171,

 5.6280, 0.3288,

0.3449

0.3983

471.0594, 0.3169,
0.3441

■ 2.6202, 0.3323,
0.4199

■ 0.9368, 0.3621,
0.5027

■ 96.0544, 0.3196,
0.3549

■ 96.0544, 0.3196,
0.3549

■ 92.5321, 0.3263,
0.3824

99.9177, 0.3129,
0.3295

■ 89.3791, 0.3325,
0.4116

100.0000, 0.3127,
0.3290

■ 86.5686, 0.3380,
0.4418

■ 84.0868, 0.3423,
0.4719

■ 81.9185, 0.3450,
0.5006

■ 80.0469, 0.3457,
0.5261

■ 78.4534, 0.3441,
0.5471

■ 77.1163, 0.3403,
0.5624

■ 76.0227, 0.3349,
0.5723

Harmonies

Analogous

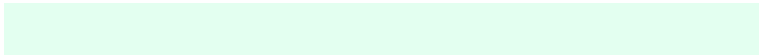
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0544, 0.3335, 0.3555



96.0544, 0.3196, 0.3549



96.0544, 0.3041, 0.3468

Triad

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



96.0544, 0.3196, 0.3549



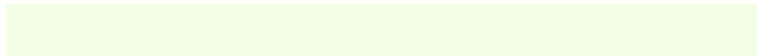
96.0544, 0.2842, 0.3085



96.0544, 0.3347, 0.3239

Complementary

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



96.0544, 0.3196, 0.3549



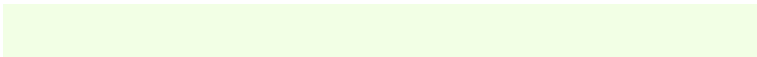
82.1371, 0.3052, 0.3032

Split Complementary

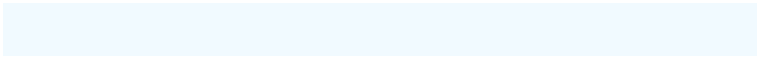
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0544, 0.3209, 0.3121



96.0544, 0.3196, 0.3549



96.0544, 0.2919, 0.3032

Square

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



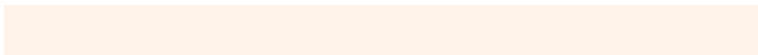
96.0544, 0.3196, 0.3549



96.0544, 0.2839, 0.3195



96.0544, 0.3053, 0.3046



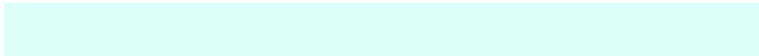
96.0544, 0.3424, 0.3373

Rectangle

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



96.0544, 0.3196, 0.3549



96.0544, 0.2949, 0.3384



96.0544, 0.3053, 0.3046



96.0544, 0.3306, 0.3197

Sweetspot

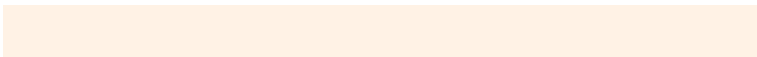
The Sweet Spot groups the original color and five complimentary colors.



96.0409, 0.3196, 0.3549



98.7953, 0.3147, 0.3364



90.4159, 0.3294, 0.3418



21.0786, 0.3153, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

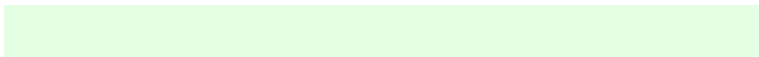
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0409, 0.3196, 0.3549



95.3833, 0.3208, 0.3597



93.8317, 0.3115, 0.3555



20.6120, 0.3191, 0.3530



39.8121, 0.3361, 0.5713



3.9413, 0.3447, 0.5645

Inverse Universe

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



82.1371, 0.3052, 0.3032



79.2324, 0.3038, 0.2984



84.5100, 0.3139, 0.3038



17.8261, 0.3058, 0.3050



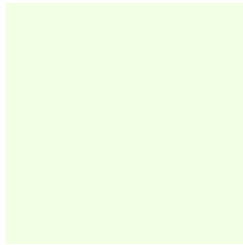
6.2644, 0.2026, 0.0890



0.6749, 0.2148, 0.0957

Previews

White Background



This preview shows how the Yxy color 96.0544, 0.3196, 0.3549 looks on a white background.

Color Contrast Check

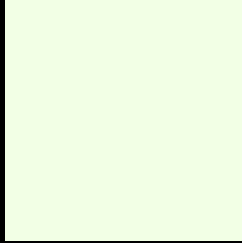
Large Text (above 18pt) WCAG AA × Fail

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 96.0544, 0.3196, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

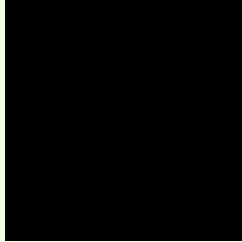
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

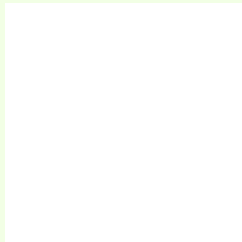
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.0544, 0.3196, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 96.0544, 0.3196, 0.3549.

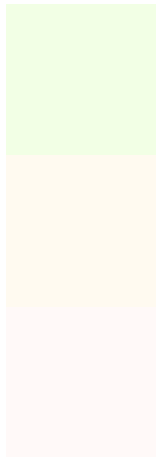


This preview shows how white text looks on a background with the Yxy color 96.0544, 0.3196, 0.3549.

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

96.0544, 0.3196, 0.3549

Protanopia

95.9225, 0.3218, 0.3387

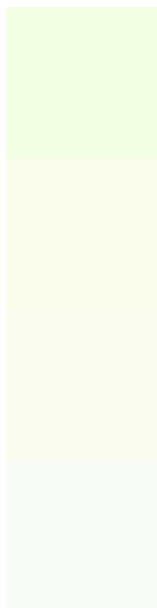
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

96.0544, 0.3196, 0.3549

Protanomaly

96.0009, 0.3209, 0.3446

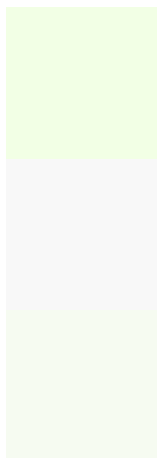
Deuteranomaly

95.6692, 0.3180, 0.3387

Tritanomaly

96.0488, 0.3131, 0.3348

Monochromacy



Original Color

96.0544, 0.3196, 0.3549

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.9381, 0.3154, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0544, 0.3196, 0.3549 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(242, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 96.0544, 0.3196, 0.3549 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(242, 255, 229) }
```

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

```
.border{ border-color:rgb(242, 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(242, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0544, 0.3196, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 229) }
```

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

```
.background{ background-color: rgb(242,  
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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