

Converting Colors

Yxy(122.9968, 0.3156, 0.3828)

Have a look what the booklet for
Yxy(122.9968, 0.3156, 0.3828)
contains.

Yxy(96.9306, 0.3180, 0.3487)	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(96.9306, 0.3180, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFEB
RGB	245, 255, 235
RGB Percent	96%, 100%, 92%
CMY	0.0394, 0.0000, 0.0784
CMYK	0.04, 0.00, 0.08, 0.00
HSL	90°, 100%, 96%
HSV	90°, 8%, 100%
XYZ	88.3967, 96.9306, 92.6498
YIQ	249.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

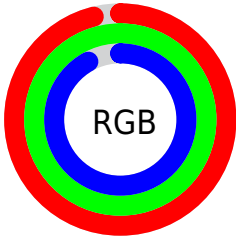
Format	Color
R _Y B	235, 255, 245
Decimal	16121835
CIE Lab	98.80, -6.78, 8.41
CIE LCh	99, 10.801, 128.853
Yxy	96.9306, 0.3180, 0.3487
Android (android.graphics.Color)	4294311915 (0xFFFF5FFEB)
YUV	249.7300, -7.2619, -4.1482
Hunter-Lab	98.4533, -12.0264, 13.1223

Details

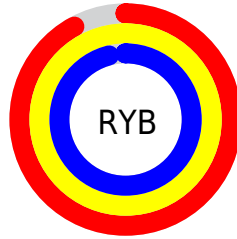
The Yxy color 96.9306, 0.3180, 0.3487 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.0629, 0.3071, 0.3093, and the grayscale version is 95.4092, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4617, 0.3195, 0.3529 is the 20% darker color. If you saturate the color by 10%, you get 93.3239, 0.3247, 0.3757, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

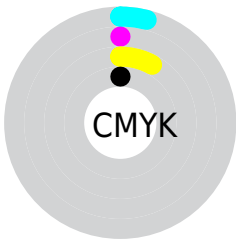
Distribution



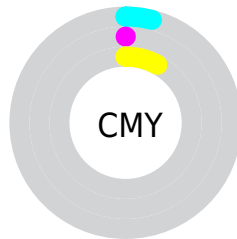
- Red (96%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.9306, 0.3180, 0.3487 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 96.9306, 0.3180, 0.3487 by changing the saturation by 10% instead.


 96.9306, 0.3180,
0.3487

 96.9306, 0.3180,
0.3487


550.3273, 0.3157,
0.3399

 73.7429, 0.3185,
0.3506


156.9291, 0.3172,
0.3457

 54.5836, 0.3191,
0.3530


194.5087, 0.3169,
0.3446

 39.0684, 0.3198,
0.3559


237.6543, 0.3167,
0.3435

 26.8130, 0.3207,
0.3596

286.7504, 0.3164,
0.3426

 17.4328, 0.3218,
0.3644

342.1814, 0.3162,
0.3419

 10.5436, 0.3233,
0.3712

404.3316, 0.3160,

 5.7608, 0.3254,

0.3411

0.3810

473.5854, 0.3159,
0.3405

■ 2.7002, 0.3284,
0.3969

■ 0.9773, 0.3441,
0.4421

■ 96.9306, 0.3180,
0.3487

■ 96.9306, 0.3180,
0.3487

■ 93.3239, 0.3247,
0.3757

100.0000, 0.3127,
0.3290

■ 90.0861, 0.3311,
0.4046

■ 87.1945, 0.3368,
0.4347

■ 84.6352, 0.3414,
0.4649

■ 82.3934, 0.3445,
0.4941

■ 80.4527, 0.3456,
0.5205

■ 78.7951, 0.3446,
0.5426

■ 77.3995, 0.3413,
0.5594

■ 76.2392, 0.3361,
0.5704

Harmonies

Analogous

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



96.9306, 0.3287, 0.3493



96.9306, 0.3180, 0.3487



96.9306, 0.3061, 0.3425

Triad

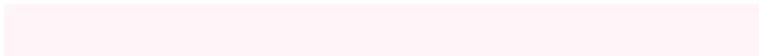
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.9306, 0.3180, 0.3487



96.9306, 0.2908, 0.3133



96.9306, 0.3295, 0.3252

Complementary

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



96.9306, 0.3180, 0.3487



86.0629, 0.3071, 0.3093

Split Complementary

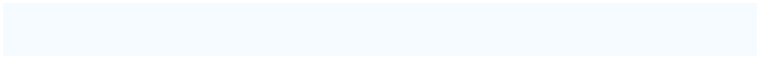
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9306, 0.3191, 0.3160



96.9306, 0.3180, 0.3487



96.9306, 0.2968, 0.3091

Square

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



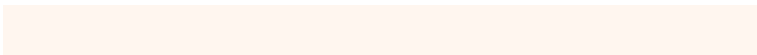
96.9306, 0.3180, 0.3487



96.9306, 0.2905, 0.3218



96.9306, 0.3071, 0.3102



96.9306, 0.3354, 0.3355

Rectangle

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



96.9306, 0.3180, 0.3487



96.9306, 0.2990, 0.3362



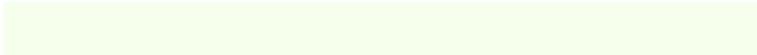
96.9306, 0.3071, 0.3102



96.9306, 0.3264, 0.3219

Sweetspot

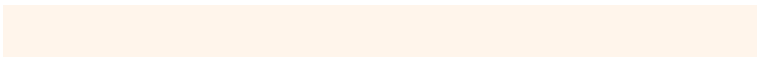
The Sweet Spot groups the original color and five complimentary colors.



96.9206, 0.3180, 0.3487



99.1926, 0.3141, 0.3339



92.5646, 0.3253, 0.3388



21.2398, 0.3140, 0.3336



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.



96.9206, 0.3180, 0.3487



96.4851, 0.3188, 0.3517



95.1814, 0.3118, 0.3490



20.6115, 0.3191, 0.3530



39.8066, 0.3360, 0.5714



3.9407, 0.3446, 0.5646

Inverse Universe

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



86.0629, 0.3071, 0.3093



84.1218, 0.3062, 0.3063



87.8993, 0.3136, 0.3097



17.8266, 0.3058, 0.3050



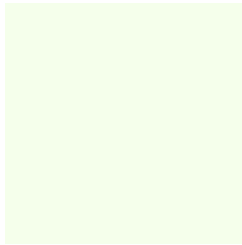
6.2699, 0.2027, 0.0890



0.6754, 0.2149, 0.0957

Previews

White Background



This preview shows how the Yxy color 96.9306, 0.3180, 0.3487 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 96.9306, 0.3180, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

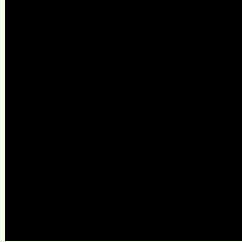
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

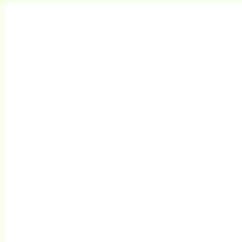
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.9306, 0.3180, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 96.9306, 0.3180, 0.3487.



This preview shows how white text looks on a background with the Yxy color 96.9306, 0.3180, 0.3487.

Color Blindness Simulation

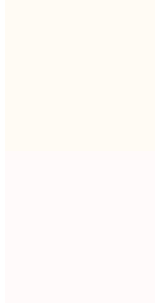
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.9306, 0.3180, 0.3487



Protanopia

96.7860, 0.3194, 0.3357

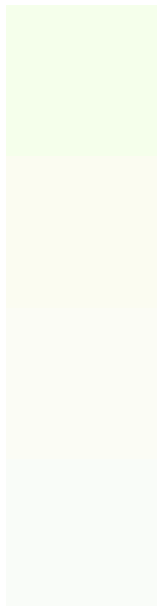
Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

96.9306, 0.3180, 0.3487

Protanomaly

96.4809, 0.3185, 0.3397

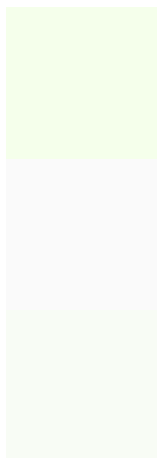
Deuteranomaly

96.7226, 0.3162, 0.3358

Tritanomaly

96.5379, 0.3132, 0.3329

Monochromacy



Original Color

96.9306, 0.3180, 0.3487

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1698, 0.3143, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.9306, 0.3180, 0.3487 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(245, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 235)  
}
```

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(245, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 235) }
```

Border

The CSS property to change the border of an element to Yxy 96.9306, 0.3180, 0.3487 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(245, 255, 235) }
```

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

```
.border{ border-color:rgb(245, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 96.9306, 0.3180, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 235) }
```

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

```
.background{ background-color: rgb(245,  
255, 235) }
```

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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