

Converting Colors

$Y_{xy}(100.0000, 0.3184, 0.3658)$

Have a look what the booklet for
Yxy(100.0000, 0.3184, 0.3658)
contains.

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Color

Yxy(95.1881, 0.3188, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFE2
RGB	238, 255, 226
RGB Percent	93%, 100%, 89%
CMY	0.0668, 0.0000, 0.1136
CMYK	0.07, 0.00, 0.11, 0.00
HSL	95°, 100%, 94%
HSV	95°, 11%, 100%
XYZ	84.7416, 95.1881, 85.8846
YIQ	246.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

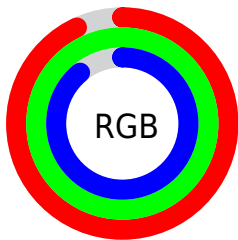
Format	Color
R _Y B	226, 255, 243
Decimal	15663074
CIE Lab	98.11, -10.61, 11.95
CIE LCh	98, 15.982, 131.617
Yxy	95.1881, 0.3188, 0.3581
Android (android.graphics.Color)	4293853154 (0xFFEEFFE2)
YUV	246.6110, -10.1612, -7.5518
Hunter-Lab	97.5644, -15.6978, 16.1029

Details

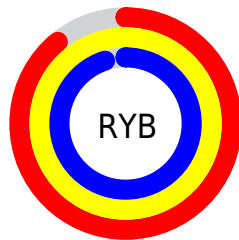
The Yxy color **95.1881, 0.3188, 0.3581** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80.7020, 0.3060, 0.3002**, and the grayscale version is **92.7572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2735, 0.3198, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **91.3971, 0.3240, 0.3862**, and if you desaturate by 10%, it is **99.3949, 0.3134, 0.3323**.

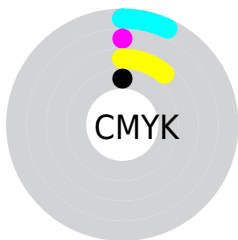
Distribution



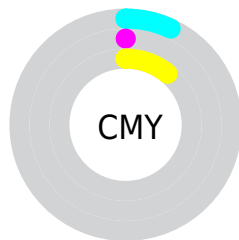
- Red (93%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1881, 0.3188, 0.3581 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 95.1881, 0.3188, 0.3581 by changing the saturation by 10% instead.

 95.1881, 0.3188,
0.3581

 95.1881, 0.3188,
0.3581


544.7670, 0.3162,
0.3450

 72.2915, 0.3193,
0.3610

154.5244, 0.3180,
0.3536

 53.3969, 0.3200,
0.3645


191.7330, 0.3176,
0.3519

 38.1197, 0.3207,
0.3689


234.4811, 0.3173,
0.3504

 26.0756, 0.3217,
0.3745

283.1530, 0.3170,
0.3490

 16.8802, 0.3228,
0.3820

338.1331, 0.3168,
0.3479

 10.1491, 0.3243,
0.3924

399.8059, 0.3166,

 5.4979, 0.3263,

0.3468

0.4078

468.5557, 0.3164,
0.3459

■ 2.5423, 0.3286,
0.4329

■ 0.8977, 0.3636,
0.5494

■ 95.1881, 0.3188,
0.3581

■ 95.1881, 0.3188,
0.3581

■ 91.3971, 0.3240,
0.3862

■ 99.3949, 0.3134,
0.3323

■ 88.0206, 0.3287,
0.4163

100.0000, 0.3127,
0.3290

■ 85.0390, 0.3327,
0.4476

■ 82.4360, 0.3355,
0.4789

■ 80.1938, 0.3367,
0.5087

■ 78.2931, 0.3361,
0.5352

■ 76.7122, 0.3335,
0.5567

■ 75.4261, 0.3290,
0.5721

■ 74.5223, 0.3241,
0.5808

Harmonies

Analogous

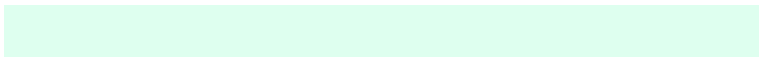
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1881, 0.3351, 0.3596



95.1881, 0.3188, 0.3581



95.1881, 0.3012, 0.3481

Triad

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



95.1881, 0.3188, 0.3581



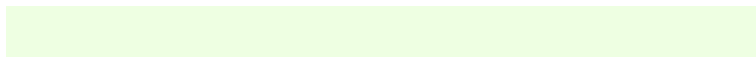
95.1881, 0.2808, 0.3047



95.1881, 0.3390, 0.3246

Complementary

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



95.1881, 0.3188, 0.3581



80.7020, 0.3060, 0.3002

Split Complementary

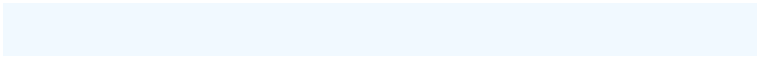
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1881, 0.3238, 0.3110



95.1881, 0.3188, 0.3581



95.1881, 0.2903, 0.2995

Square

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



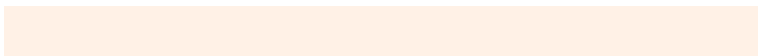
95.1881, 0.3188, 0.3581



95.1881, 0.2796, 0.3167



95.1881, 0.3059, 0.3019



95.1881, 0.3470, 0.3397

Rectangle

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



95.1881, 0.3188, 0.3581



95.1881, 0.2911, 0.3382



95.1881, 0.3059, 0.3019



95.1881, 0.3345, 0.3197

Sweetspot

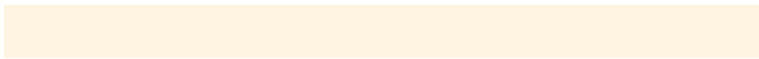
The Sweet Spot groups the original color and five complimentary colors.



95.1837, 0.3188, 0.3581



98.6734, 0.3143, 0.3364



90.8140, 0.3311, 0.3456



21.0457, 0.3148, 0.3384



0.0000, 0.0000, 0.0000



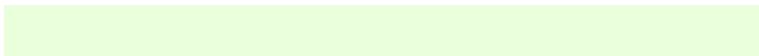
21.4041, 0.3127, 0.3290

Same Dimension

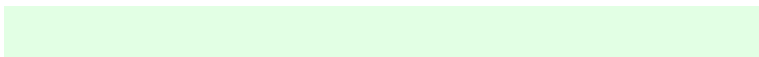
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1837, 0.3188, 0.3581



94.1424, 0.3202, 0.3653



93.3216, 0.3100, 0.3562



20.5333, 0.3178, 0.3531



39.0218, 0.3253, 0.5799



3.8615, 0.3341, 0.5729

Inverse Universe

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



80.7020, 0.3060, 0.3002



76.6179, 0.3042, 0.2932



82.7392, 0.3156, 0.3032



17.9058, 0.3072, 0.3051



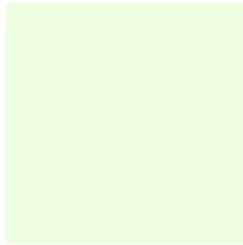
7.2510, 0.2204, 0.0988



0.7700, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 95.1881, 0.3188, 0.3581 looks on a white background.

Color Contrast Check

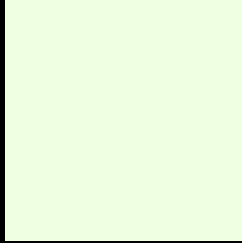
Large Text (above 18pt) WCAG AA × Fail

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 95.1881, 0.3188, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

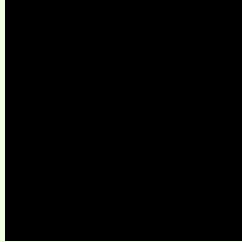
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

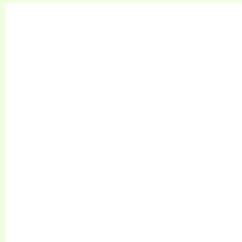
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1881, 0.3188, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 95.1881, 0.3188, 0.3581.

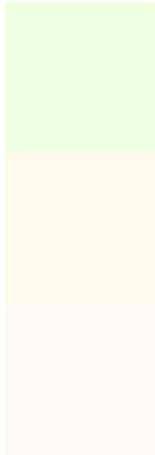


This preview shows how white text looks on a background with the Yxy color 95.1881, 0.3188, 0.3581.

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

95.1881, 0.3188, 0.3581

Protanopia

95.0675, 0.3243, 0.3416

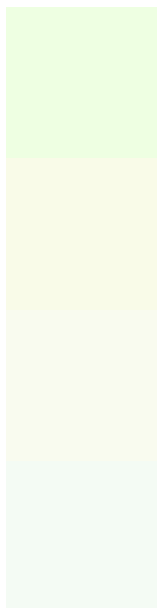
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1881, 0.3188, 0.3581

Protanomaly

94.9603, 0.3227, 0.3477

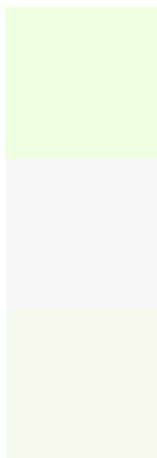
Deuteranomaly

95.3661, 0.3185, 0.3407

Tritanomaly

94.7591, 0.3124, 0.3359

Monochromacy



Original Color

95.1881, 0.3188, 0.3581

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8363, 0.3154, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1881, 0.3188, 0.3581 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(238, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 226)  
}
```

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(238, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.1881, 0.3188, 0.3581 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(238, 255, 226) }
```

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

```
.border{ border-color:rgb(238, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1881, 0.3188, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 226) }
```

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

```
.background{ background-color: rgb(238,  
255, 226) }
```

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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