

Converting Colors

$Y_{xy}(100.0000, 0.3360, 0.3871)$

Have a look what the booklet for
Yxy(100.0000, 0.3360, 0.3871)
contains.

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Color

Yxy(95.4246, 0.3376, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFCB
RGB	246, 255, 203
RGB Percent	96%, 100%, 80%
CMY	0.0352, 0.0000, 0.2038
CMYK	0.04, 0.00, 0.20, 0.00
HSL	70°, 100%, 90%
HSV	70°, 20%, 100%
XYZ	84.5547, 95.4246, 70.4790
YIQ	246.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

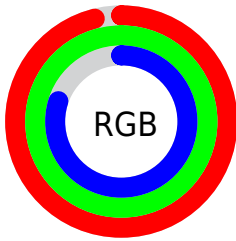
Format	Color
R _Y B	203, 255, 212
Decimal	16187339
CIE Lab	98.20, -11.38, 23.90
CIE LCh	98, 26.465, 115.457
Yxy	95.4246, 0.3376, 0.3810
Android (android.graphics.Color)	4294377419 (0xFFFF6FFCB)
YUV	246.3810, -21.3868, -0.3341
Hunter-Lab	97.6855, -16.4435, 25.6028

Details

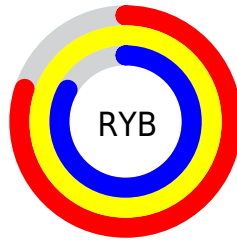
The Yxy color **95.4246, 0.3376, 0.3810** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.9424, 0.2845, 0.2733**, and the grayscale version is **92.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3769, 0.3420, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **93.5244, 0.3497, 0.4076**, and if you desaturate by 10%, it is **97.5521, 0.3253, 0.3549**.

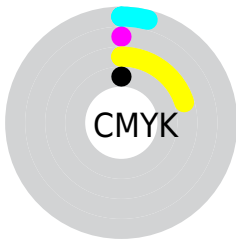
Distribution



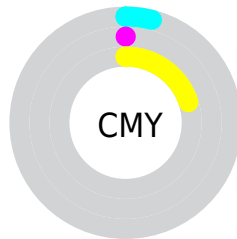
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4246, 0.3376, 0.3810 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 95.4246, 0.3376, 0.3810 by changing the saturation by 10% instead.

 95.4246, 0.3376,
0.3810

 95.4246, 0.3376,
0.3810


545.5234, 0.3269,
0.3577

 72.4884, 0.3398,
0.3861


154.8511, 0.3341,
0.3730

 53.5578, 0.3425,
0.3924

192.1102, 0.3326,
0.3699

 38.2482, 0.3457,
0.4002


234.9123, 0.3314,
0.3672

 26.1754, 0.3497,
0.4101

283.6420, 0.3303,
0.3648

 16.9549, 0.3546,
0.4232

338.6835, 0.3293,
0.3627

 10.2023, 0.3609,
0.4411

400.4214, 0.3284,

 5.5333, 0.3688,

0.3608

0.4668

469.2398, 0.3277,
0.3592

■ 2.5634, 0.3828,
0.5125

■ 0.9083, 0.3919,
0.6081

■ 95.4246, 0.3376,
0.3810

■ 95.4246, 0.3376,
0.3810

■ 93.5244, 0.3497,
0.4076

■ 97.5521, 0.3253,
0.3549

■ 91.8289, 0.3611,
0.4338

99.9034, 0.3132,
0.3299

■ 90.3316, 0.3712,
0.4587

99.9981, 0.3127,
0.3290

■ 89.0209, 0.3795,
0.4810

■ 87.8834, 0.3856,
0.4999

■ 86.9043, 0.3890,
0.5143

■ 86.0657, 0.3898,
0.5241

■ 85.3639, 0.3885,
0.5297

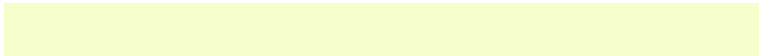
Harmonies

Analogous

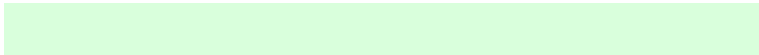
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4246, 0.3606, 0.3746



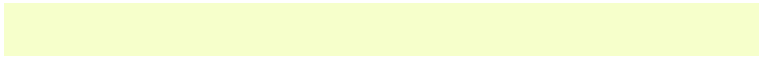
95.4246, 0.3376, 0.3810



95.4246, 0.3087, 0.3720

Triad

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



95.4246, 0.3376, 0.3810



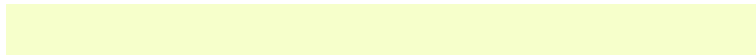
95.4246, 0.2579, 0.2978



95.4246, 0.3436, 0.3091

Complementary

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



95.4246, 0.3376, 0.3810



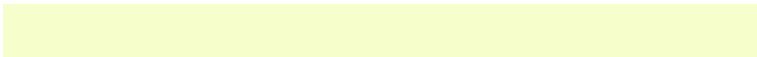
63.9424, 0.2845, 0.2733

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.



95.4246, 0.3147, 0.2907



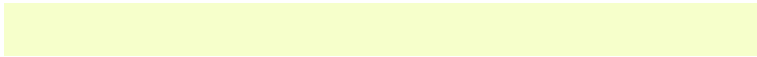
95.4246, 0.3376, 0.3810



95.4246, 0.2661, 0.2836

Square

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



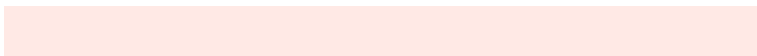
95.4246, 0.3376, 0.3810



95.4246, 0.2635, 0.3218



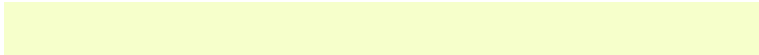
95.4246, 0.2865, 0.2814



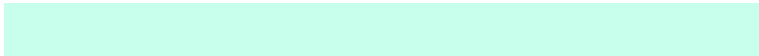
95.4246, 0.3644, 0.3326

Rectangle

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



95.4246, 0.3376, 0.3810



95.4246, 0.2900, 0.3582



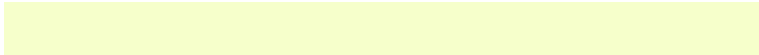
95.4246, 0.2865, 0.2814



95.4246, 0.3344, 0.3022

Sweetspot

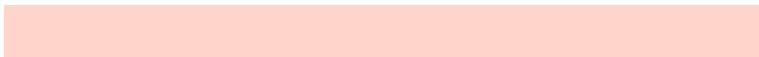
The Sweet Spot groups the original color and five complimentary colors.



95.4288, 0.3376, 0.3810



98.5560, 0.3199, 0.3438



72.5049, 0.3519, 0.3380



21.0625, 0.3207, 0.3454



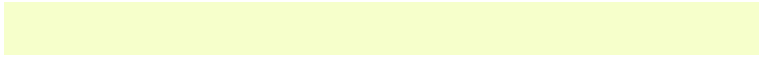
0.0000, 0.0000, 0.0000



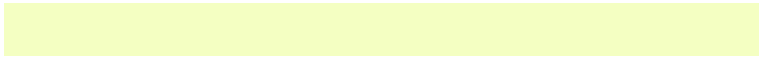
21.4041, 0.3127, 0.3290

Same Dimension

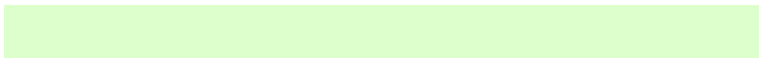
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4288, 0.3376, 0.3810



94.7172, 0.3420, 0.3906



91.1018, 0.3209, 0.3838



20.9228, 0.3242, 0.3527



44.6638, 0.3891, 0.5293



4.3887, 0.3927, 0.5264

Inverse Universe

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



63.9424, 0.2845, 0.2733



58.6035, 0.2787, 0.2622



68.0662, 0.3026, 0.2762



17.5284, 0.3005, 0.3046



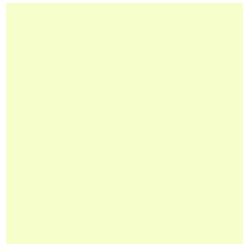
4.0962, 0.1575, 0.0642



0.4385, 0.1667, 0.0692

Previews

White Background



This preview shows how the Yxy color 95.4246, 0.3376, 0.3810 looks on a white background.

Color Contrast Check

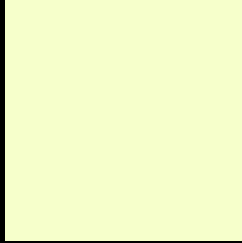
Large Text (above 18pt) WCAG AA × Fail

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 95.4246, 0.3376, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

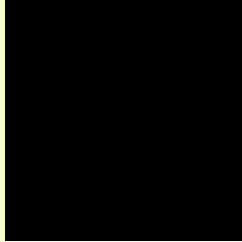
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4246, 0.3376, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 95.4246, 0.3376, 0.3810.

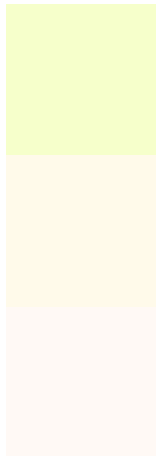


This preview shows how white text looks on a background with the Yxy color 95.4246, 0.3376, 0.3810.

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

95.4246, 0.3376, 0.3810

Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

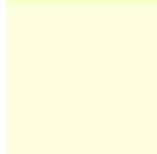
95.4806, 0.3105, 0.3232

Trichromacy



Original Color

95.4246, 0.3376, 0.3810



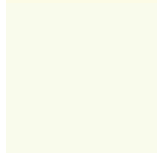
Protanomaly

95.6440, 0.3300, 0.3575



Deuteranomaly

95.4030, 0.3258, 0.3496



Tritanomaly

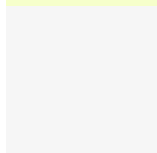
95.1902, 0.3203, 0.3437

Monochromacy



Original Color

95.4246, 0.3376, 0.3810



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.0574, 0.3221, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4246, 0.3376, 0.3810 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(246, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 203)  
}
```

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(246, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 95.4246, 0.3376, 0.3810 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(246, 255, 203) }
```

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

```
.border{ border-color:rgb(246, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4246, 0.3376, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 203) }
```

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

```
.background{ background-color: rgb(246,  
255, 203) }
```

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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