

Converting Colors

$Yxy(95.6604, 0.3357, 0.3774)$

Have a look what the booklet for
Yxy(95.6604, 0.3357, 0.3774)
contains.

Yxy(95.6178, 0.3352, 0.3770)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.6178, 0.3352, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFCF
RGB	246, 255, 207
RGB Percent	96%, 100%, 81%
CMY	0.0354, 0.0000, 0.1883
CMYK	0.04, 0.00, 0.19, 0.00
HSL	71°, 100%, 91%
HSV	71°, 19%, 100%
XYZ	85.0161, 95.6178, 72.9942
YIQ	246.8370, 10.0440, -16.8360

Conversions

Conversions Part 2

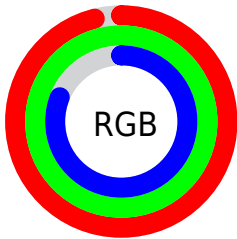
Format	Color
RYB	207, 255, 216
Decimal	16187343
CIELab	98.28, -10.83, 21.99
CIELCh	98, 24.518, 116.225
Yxy	95.6178, 0.3352, 0.3770
Android (android.graphics.Color)	4294377423 (0xFFFF6FFCF)
YUV	246.8370, -19.6396, -0.7340
Hunter-Lab	97.7844, -15.9303, 24.1902

Details

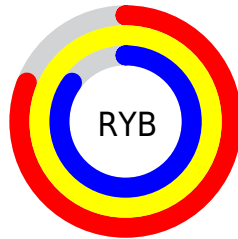
The Yxy color **95.6178, 0.3352, 0.3770** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.4394, 0.2875, 0.2781**, and the grayscale version is **93.0165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5069, 0.3390, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **93.6050, 0.3471, 0.4037**, and if you desaturate by 10%, it is **97.8385, 0.3232, 0.3510**.

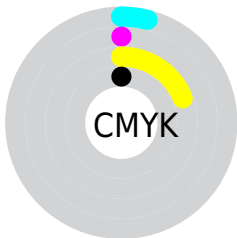
Distribution



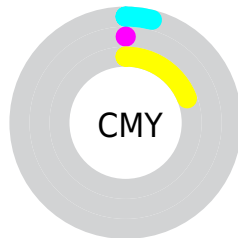
- Red (96%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6178, 0.3352, 0.3770 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 95.6178, 0.3352, 0.3770 by changing the saturation by 10% instead.


 95.6178, 0.3352,
0.3770

 95.6178, 0.3352,
0.3770


546.1409, 0.3255,
0.3555

 72.6493, 0.3372,
0.3817


155.1178, 0.3320,
0.3697

 53.6892, 0.3397,
0.3875


192.4181, 0.3307,
0.3668

 38.3533, 0.3426,
0.3947

235.2645, 0.3296,
0.3643

 26.2570, 0.3462,
0.4039

284.0413, 0.3286,
0.3621

 17.0160, 0.3508,
0.4160

339.1330, 0.3277,
0.3601

 10.2459, 0.3566,
0.4325

400.9239, 0.3269,

 5.5623, 0.3641,

0.3584

0.4565

469.7984, 0.3262,
0.3569

■ 2.5808, 0.3755,
0.4964

■ 0.9170, 0.3982,
0.6018

■ 95.6178, 0.3352,
0.3770

■ 95.6178, 0.3352,
0.3770

■ 93.6050, 0.3471,
0.4037

■ 97.8385, 0.3232,
0.3510

■ 91.8142, 0.3583,
0.4302

100.0000, 0.3127,
0.3290

■ 90.2269, 0.3684,
0.4556

■ 88.8313, 0.3768,
0.4787

■ 87.6146, 0.3829,
0.4985

■ 86.5622, 0.3865,
0.5140

■ 85.6565, 0.3874,
0.5248

■ 84.8724, 0.3860,
0.5313

■ 84.7848, 0.3858,
0.5319

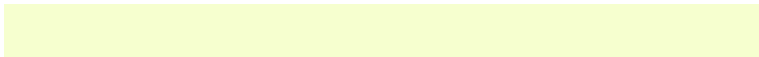
Harmonies

Analogous

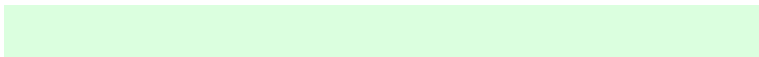
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6178, 0.3566, 0.3716



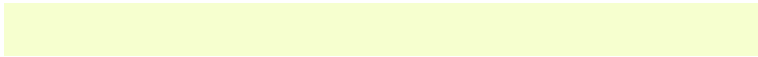
95.6178, 0.3352, 0.3770



95.6178, 0.3084, 0.3683

Triad

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



95.6178, 0.3352, 0.3770



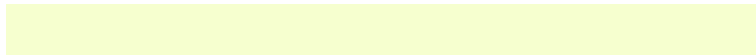
95.6178, 0.2619, 0.2997



95.6178, 0.3419, 0.3110

Complementary

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



95.6178, 0.3352, 0.3770



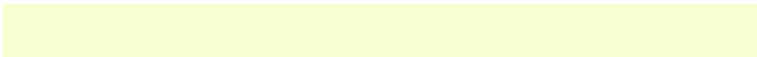
66.4394, 0.2875, 0.2781

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.



95.6178, 0.3153, 0.2938



95.6178, 0.3352, 0.3770



95.6178, 0.2698, 0.2867

Square

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



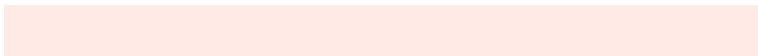
95.6178, 0.3352, 0.3770



95.6178, 0.2667, 0.3218



95.6178, 0.2890, 0.2849



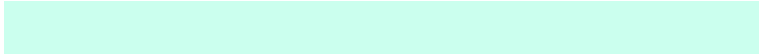
95.6178, 0.3609, 0.3331

Rectangle

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



95.6178, 0.3352, 0.3770



95.6178, 0.2911, 0.3554



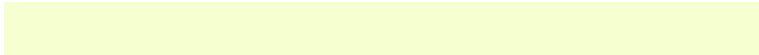
95.6178, 0.2890, 0.2849



95.6178, 0.3335, 0.3045

Sweetspot

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



95.6099, 0.3352, 0.3770



98.5113, 0.3198, 0.3438



74.7662, 0.3482, 0.3381



21.0519, 0.3206, 0.3454



0.0000, 0.0000, 0.0000



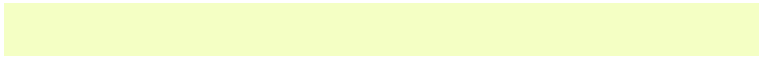
21.4041, 0.3127, 0.3290

Same Dimension

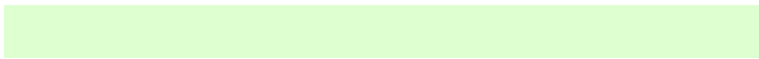
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6099, 0.3352, 0.3770



94.7473, 0.3402, 0.3881



91.5834, 0.3198, 0.3794



20.9078, 0.3240, 0.3527



44.3638, 0.3863, 0.5314



4.3621, 0.3903, 0.5283

Inverse Universe

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



66.4394, 0.2875, 0.2781



60.1797, 0.2810, 0.2654



70.3265, 0.3040, 0.2805



17.5422, 0.3008, 0.3046



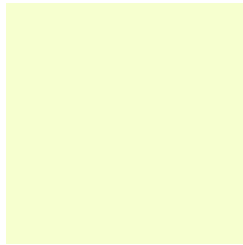
4.1477, 0.1587, 0.0648



0.4455, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 95.6178, 0.3352, 0.3770 looks on a white background.

Color Contrast Check

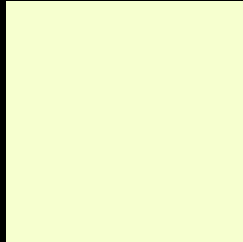
Large Text (above 18pt) WCAG AA × Fail

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 95.6178, 0.3352, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

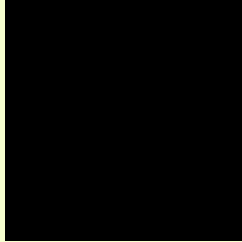
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6178, 0.3352, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 95.6178, 0.3352, 0.3770.



This preview shows how white text looks on a background with the Yxy color 95.6178, 0.3352, 0.3770.

Color Blindness Simulation

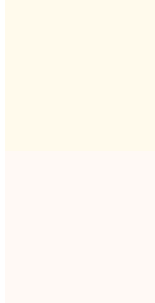
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



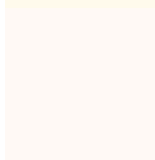
Original Color

95.6178, 0.3352, 0.3770



Protanopia

95.6873, 0.3243, 0.3426



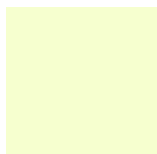
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

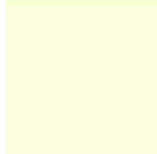
95.4806, 0.3105, 0.3232

Trichromacy



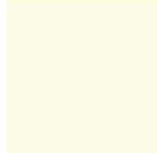
Original Color

95.6178, 0.3352, 0.3770



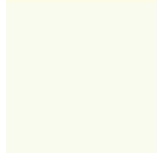
Protanomaly

95.7525, 0.3287, 0.3555



Deuteranomaly

95.4593, 0.3252, 0.3486



Tritanomaly

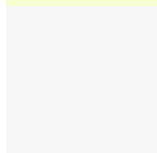
95.3071, 0.3191, 0.3417

Monochromacy



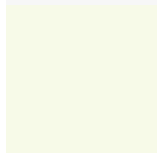
Original Color

95.6178, 0.3352, 0.3770



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9716, 0.3215, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6178, 0.3352, 0.3770 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 95.6178, 0.3352, 0.3770 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, 207) }
```

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

```
.border{ border-color:rgb(246, 255, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6178, 0.3352, 0.3770 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, 207) }
```

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

```
.background{ background-color: rgb(246,  
255, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor