

Converting Colors

$Y_{xy}(110.9055, 0.3296, 0.3918)$

Have a look what the booklet for
Yxy(110.9055, 0.3296, 0.3918)
contains.

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Color

Yxy(95.8663, 0.3322, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFD4
RGB	246, 255, 212
RGB Percent	96%, 100%, 83%
CMY	0.0355, 0.0000, 0.1686
CMYK	0.04, 0.00, 0.17, 0.00
HSL	73°, 100%, 92%
HSV	73°, 17%, 100%
XYZ	85.6327, 95.8663, 76.2754
YIQ	247.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

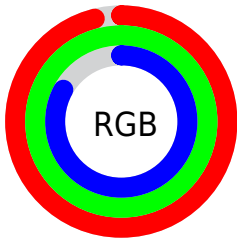
Format	Color
R_{YB}	212, 255, 221
Decimal	16187348
CIE _{Lab}	98.38, -10.10, 19.58
CIE _{LCh}	98, 22.031, 117.283
Yxy	95.8663, 0.3322, 0.3719
Android (android.graphics.Color)	4294377428 (0xFFFF6FFD4)
YUV	247.4070, -17.4557, -1.2339
Hunter-Lab	97.9113, -15.2298, 22.3495

Details

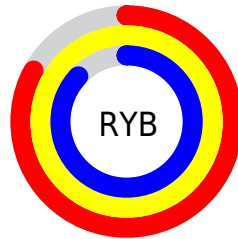
The Yxy color **95.8663, 0.3322, 0.3719** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.6878, 0.2911, 0.2840**, and the grayscale version is **93.4829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6413, 0.3360, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **93.7103, 0.3437, 0.3986**, and if you desaturate by 10%, it is **98.2307, 0.3206, 0.3460**.

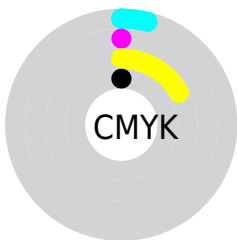
Distribution



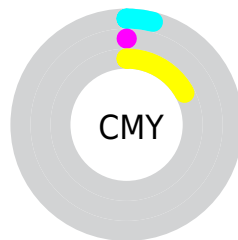
- Red (96%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8663, 0.3322, 0.3719 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 95.8663, 0.3322, 0.3719 by changing the saturation by 10% instead.


 95.8663, 0.3322,
0.3719

 95.8663, 0.3322,
0.3719


546.9346, 0.3238,
0.3527

 72.8562, 0.3340,
0.3761


155.4609, 0.3294,
0.3654

 53.8584, 0.3361,
0.3813

192.8142, 0.3283,
0.3628

 38.4885, 0.3387,
0.3877


235.7173, 0.3273,
0.3605

 26.3620, 0.3419,
0.3959

284.5547, 0.3265,
0.3586

 17.0947, 0.3459,
0.4067

339.7107, 0.3257,
0.3568

 10.3020, 0.3511,
0.4216

401.5698, 0.3250,

 5.5997, 0.3580,

0.3553

0.4432

470.5163, 0.3244,
0.3539

■ 2.6032, 0.3672,
0.4775

■ 0.9283, 0.4063,
0.5937

■ 95.8663, 0.3322,
0.3719

■ 95.8663, 0.3322,
0.3719

■ 93.7103, 0.3437,
0.3986

■ 98.2307, 0.3206,
0.3460

■ 91.7874, 0.3547,
0.4255

100.0000, 0.3127,
0.3290

■ 90.0756, 0.3647,
0.4516

■ 88.5634, 0.3730,
0.4756

■ 87.2381, 0.3792,
0.4966

■ 86.0854, 0.3829,
0.5135

■ 85.0884, 0.3839,
0.5257

■ 84.2259, 0.3825,
0.5333

■ 83.9731, 0.3818,
0.5351

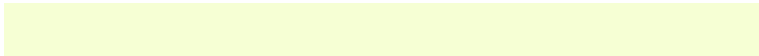
Harmonies

Analogous

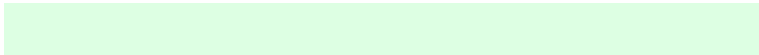
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8663, 0.3517, 0.3676



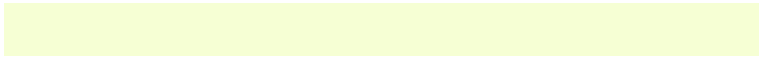
95.8663, 0.3322, 0.3719



95.8663, 0.3080, 0.3636

Triad

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



95.8663, 0.3322, 0.3719



95.8663, 0.2669, 0.3022



95.8663, 0.3397, 0.3135

Complementary

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



95.8663, 0.3322, 0.3719



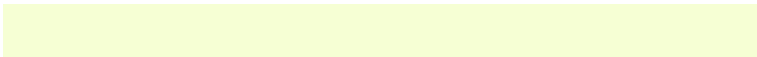
69.6878, 0.2911, 0.2840

Split Complementary

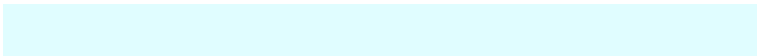
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8663, 0.3160, 0.2976



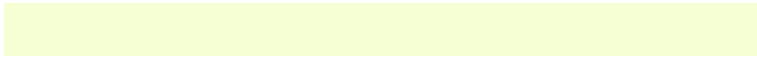
95.8663, 0.3322, 0.3719



95.8663, 0.2745, 0.2907

Square

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



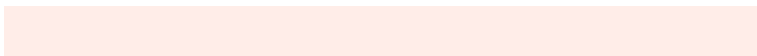
95.8663, 0.3322, 0.3719



95.8663, 0.2709, 0.3219



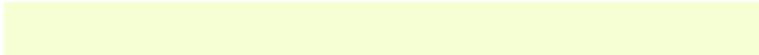
95.8663, 0.2922, 0.2893



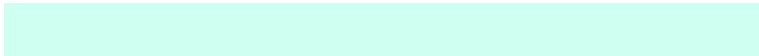
95.8663, 0.3563, 0.3335

Rectangle

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



95.8663, 0.3322, 0.3719



95.8663, 0.2926, 0.3519



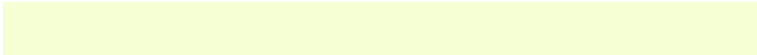
95.8663, 0.2922, 0.2893



95.8663, 0.3322, 0.3076

Sweetspot

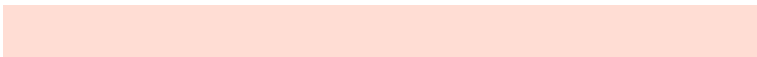
The Sweet Spot groups the original color and five complimentary colors.



95.8548, 0.3322, 0.3719



98.6997, 0.3184, 0.3413



77.5145, 0.3437, 0.3378



21.0877, 0.3192, 0.3431



0.0000, 0.0000, 0.0000



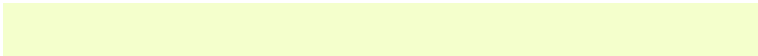
21.4041, 0.3127, 0.3290

Same Dimension

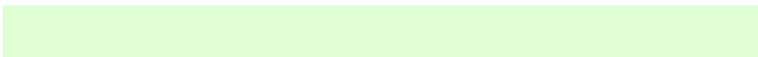
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8548, 0.3322, 0.3719



95.1577, 0.3358, 0.3802



92.2646, 0.3186, 0.3737



20.8862, 0.3236, 0.3527



43.9445, 0.3824, 0.5346



4.3248, 0.3868, 0.5311

Inverse Universe

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



69.6878, 0.2911, 0.2840



64.8148, 0.2865, 0.2747



73.2009, 0.3056, 0.2859



17.5622, 0.3012, 0.3046



4.2299, 0.1606, 0.0658



0.4562, 0.1707, 0.0714

Previews

White Background



This preview shows how the Yxy color 95.8663, 0.3322, 0.3719 looks on a white background.

Color Contrast Check

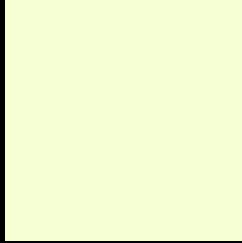
Large Text (above 18pt) WCAG AA × Fail

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 95.8663, 0.3322, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

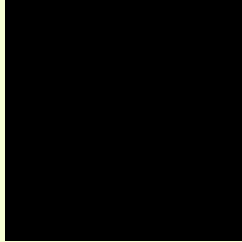
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

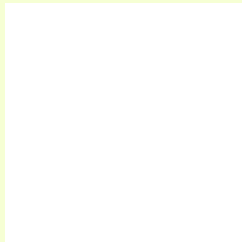
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8663, 0.3322, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 95.8663, 0.3322, 0.3719.



This preview shows how white text looks on a background with the Yxy color 95.8663, 0.3322, 0.3719.

Color Blindness Simulation

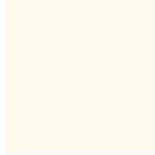
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8663, 0.3322, 0.3719



Protanopia

95.7456, 0.3236, 0.3416



Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

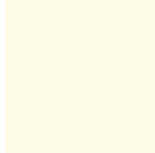
95.4806, 0.3105, 0.3232

Trichromacy



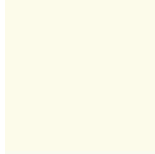
Original Color

95.8663, 0.3322, 0.3719



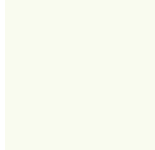
Protanomaly

95.9177, 0.3269, 0.3525



Deuteranomaly

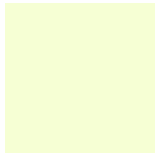
95.6303, 0.3234, 0.3456



Tritanomaly

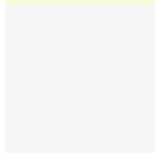
95.3661, 0.3185, 0.3407

Monochromacy



Original Color

95.8663, 0.3322, 0.3719



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0859, 0.3203, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8663, 0.3322, 0.3719 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 95.8663, 0.3322, 0.3719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

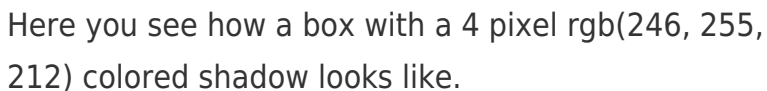
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 255, 212) }
```

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

```
.border{ border-color:rgb(246, 255, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8663, 0.3322, 0.3719 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, 212) }
```

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

```
.background{ background-color: rgb(246,  
255, 212) }
```

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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