

Converting Colors

$Y_{xy}(95.8980, 0.3289, 0.3675)$

Have a look what the booklet for
Yxy(95.8980, 0.3289, 0.3675)
contains.

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Color

Yxy(95.8903, 0.3292, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFD8
RGB	245, 255, 216
RGB Percent	96%, 100%, 85%
CMY	0.0393, 0.0000, 0.1530
CMYK	0.04, 0.00, 0.15, 0.00
HSL	75°, 100%, 92%
HSV	75°, 15%, 100%
XYZ	85.8034, 95.8903, 78.9486
YIQ	247.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

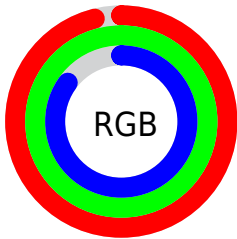
Format	Color
R_{YB}	216, 255, 226
Decimal	16121816
CIE _{Lab}	98.39, -9.82, 17.55
CIE _{LCh}	98, 20.106, 119.233
Yxy	95.8903, 0.3292, 0.3679
Android (android.graphics.Color)	4294311896 (0xFFFF5FFD8)
YUV	247.5640, -15.5611, -2.2486
Hunter-Lab	97.9236, -14.9595, 20.7454

Details

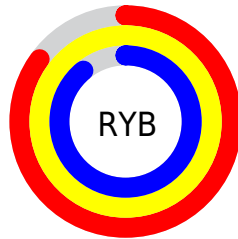
The Yxy color **95.8903, 0.3292, 0.3679** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.5025, 0.2945, 0.2886**, and the grayscale version is **93.6126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7802, 0.3330, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **93.5094, 0.3400, 0.3948**, and if you desaturate by 10%, it is **98.5082, 0.3184, 0.3421**.

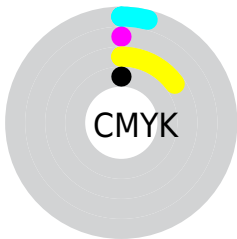
Distribution



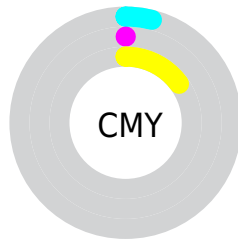
- Red (96%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8903, 0.3292, 0.3679 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 95.8903, 0.3292, 0.3679 by changing the saturation by 10% instead.

 95.8903, 0.3292,
0.3679

 95.8903, 0.3292,
0.3679


547.0113, 0.3221,
0.3505

 72.8762, 0.3307,
0.3717

155.4940, 0.3268,
0.3620

 53.8747, 0.3325,
0.3764


192.8524, 0.3259,
0.3596

 38.5015, 0.3347,
0.3823


235.7610, 0.3251,
0.3576

 26.3722, 0.3374,
0.3897

284.6043, 0.3243,
0.3558

 17.1023, 0.3408,
0.3995

339.7665, 0.3237,
0.3543

 10.3074, 0.3453,
0.4131

401.6322, 0.3231,

 5.6033, 0.3513,

0.3529

0.4329

470.5856, 0.3226,
0.3516

■ 2.6054, 0.3593,
0.4643

■ 0.9294, 0.4089,
0.5911

■ 95.8903, 0.3292,
0.3679

■ 95.8903, 0.3292,
0.3679

■ 93.5094, 0.3400,
0.3948

■ 98.5082, 0.3184,
0.3421

■ 91.3698, 0.3502,
0.4222

100.0000, 0.3127,
0.3290

■ 89.4562, 0.3595,
0.4491

■ 87.7571, 0.3673,
0.4744

■ 86.2599, 0.3730,
0.4969

■ 84.9502, 0.3763,
0.5155

■ 83.8115, 0.3770,
0.5294

■ 82.8234, 0.3751,
0.5385

■ 82.3970, 0.3737,
0.5415

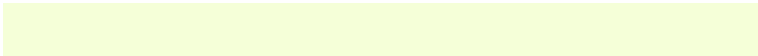
Harmonies

Analogous

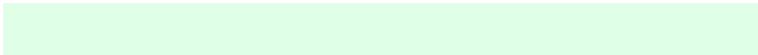
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8903, 0.3474, 0.3649



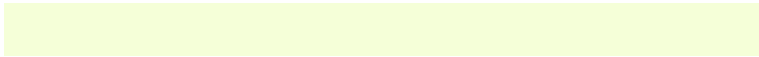
95.8903, 0.3292, 0.3679



95.8903, 0.3071, 0.3596

Triad

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



95.8903, 0.3292, 0.3679



95.8903, 0.2709, 0.3037



95.8903, 0.3386, 0.3160

Complementary

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



95.8903, 0.3292, 0.3679



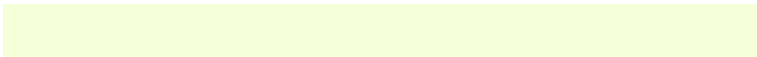
72.5025, 0.2945, 0.2886

Split Complementary

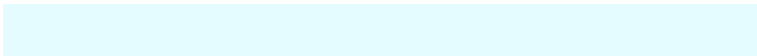
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8903, 0.3172, 0.3010



95.8903, 0.3292, 0.3679



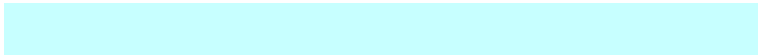
95.8903, 0.2786, 0.2936

Square

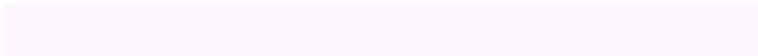
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.8903, 0.3292, 0.3679



95.8903, 0.2739, 0.3213



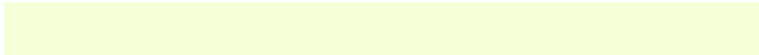
95.8903, 0.2953, 0.2929



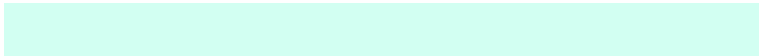
95.8903, 0.3531, 0.3345

Rectangle

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



95.8903, 0.3292, 0.3679



95.8903, 0.2931, 0.3486



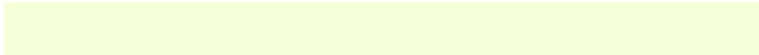
95.8903, 0.2953, 0.2929



95.8903, 0.3319, 0.3104

Sweetspot

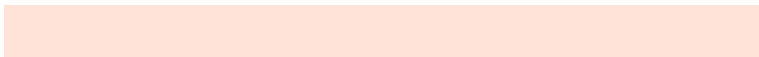
The Sweet Spot groups the original color and five complimentary colors.



95.8856, 0.3292, 0.3679



98.5896, 0.3181, 0.3413



80.4732, 0.3401, 0.3389



21.0609, 0.3188, 0.3431



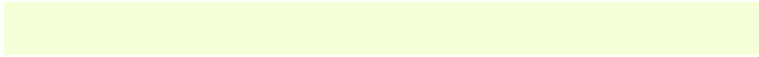
0.0000, 0.0000, 0.0000



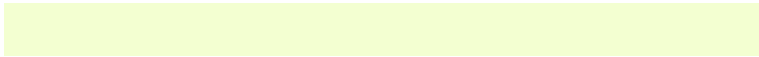
21.4041, 0.3127, 0.3290

Same Dimension

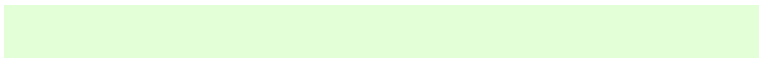
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8856, 0.3292, 0.3679



95.2190, 0.3321, 0.3751



92.6057, 0.3169, 0.3694



20.8420, 0.3229, 0.3528



43.1295, 0.3744, 0.5409



4.2517, 0.3797, 0.5367

Inverse Universe

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



72.5025, 0.2945, 0.2886



68.2262, 0.2909, 0.2808



75.7874, 0.3077, 0.2902



17.6034, 0.3019, 0.3047



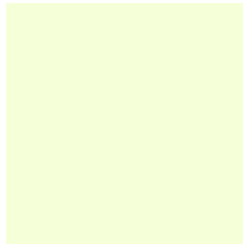
4.4295, 0.1651, 0.0683



0.4809, 0.1761, 0.0744

Previews

White Background



This preview shows how the Yxy color 95.8903, 0.3292, 0.3679 looks on a white background.

Color Contrast Check

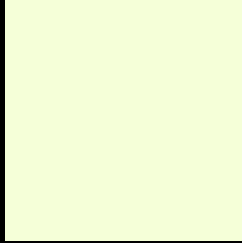
Large Text (above 18pt) WCAG AA × Fail

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 95.8903, 0.3292, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

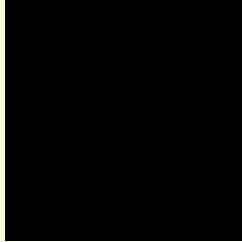
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

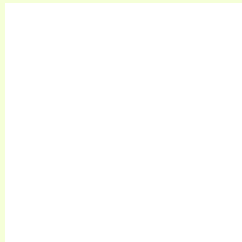
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8903, 0.3292, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 95.8903, 0.3292, 0.3679.

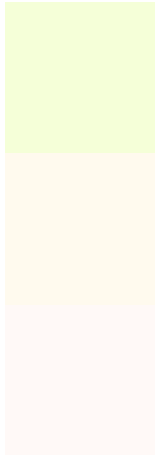


This preview shows how white text looks on a background with the Yxy color 95.8903, 0.3292, 0.3679.

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

95.8903, 0.3292, 0.3679

Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

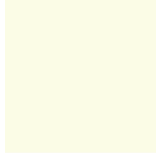
96.1004, 0.3104, 0.3242

Trichromacy



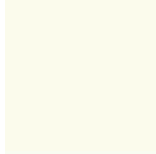
Original Color

95.8903, 0.3292, 0.3679



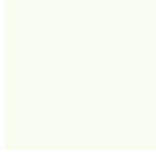
Protanomaly

95.8432, 0.3251, 0.3506



Deuteranomaly

95.5597, 0.3216, 0.3437



Tritanomaly

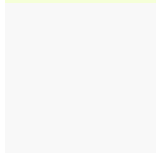
96.1114, 0.3173, 0.3397

Monochromacy



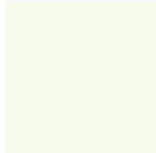
Original Color

95.8903, 0.3292, 0.3679



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8246, 0.3190, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8903, 0.3292, 0.3679 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 216) }
```

Border

The CSS property to change the border of an element to Yxy 95.8903, 0.3292, 0.3679 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, 216) }
```

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

```
.border{ border-color:rgb(245, 255, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8903, 0.3292, 0.3679 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, 216) }
```

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

```
.background{ background-color: rgb(245,  
255, 216) }
```

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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