

Converting Colors

$Yxy(94.4928, 0.3362, 0.3731)$

Have a look what the booklet for
Yxy(94.4928, 0.3362, 0.3731)
contains.

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Color

Yxy(94.7611, 0.3362, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	F8FDD0
RGB	248, 253, 208
RGB Percent	97%, 99%, 82%
CMY	0.0277, 0.0078, 0.1843
CMYK	0.02, 0.00, 0.18, 0.01
HSL	67°, 92%, 90%
HSV	67°, 18%, 99%
XYZ	85.2064, 94.7611, 73.4722
YIQ	246.3750, 11.4650, -15.0550

Conversions

Conversions Part 2

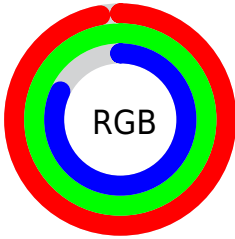
Format	Color
RYB	208, 253, 213
Decimal	16317904
CIELab	97.94, -9.00, 21.02
CIElCh	98, 22.868, 113.175
Yxy	94.7611, 0.3362, 0.3739
Android (android.graphics.Color)	4294507984 (0xFFF8FDD0)
YUV	246.3750, -18.9189, 1.4251
Hunter-Lab	97.3453, -14.1131, 23.3921

Details

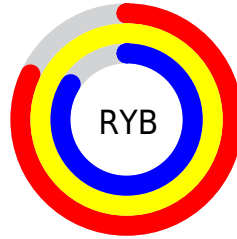
The Yxy color **94.7611, 0.3362, 0.3739** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.3623, 0.2867, 0.2808**, and the grayscale version is **92.6237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8561, 0.3412, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **93.0999, 0.3494, 0.4000**, and if you desaturate by 10%, it is **96.6373, 0.3229, 0.3483**.

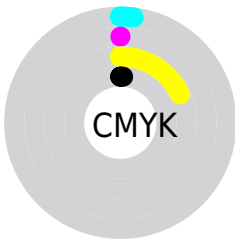
Distribution



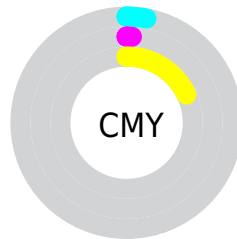
- Red (97%)
- Green (99%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (3%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7611, 0.3362, 0.3739 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 94.7611, 0.3362, 0.3739 by changing the saturation by 10% instead.


 94.7611, 0.3362,
0.3739

 94.7611, 0.3362,
0.3739


543.3999, 0.3260,
0.3538

 71.9362, 0.3384,
0.3783


153.9345, 0.3328,
0.3670

 53.1065, 0.3409,
0.3837

191.0518, 0.3315,
0.3644

 37.8878, 0.3441,
0.3904


233.7019, 0.3303,
0.3620

 25.8956, 0.3480,
0.3990

282.2694, 0.3292,
0.3600

 16.7456, 0.3530,
0.4103

337.1385, 0.3283,
0.3581

 10.0533, 0.3594,
0.4257

398.6937, 0.3275,

 5.4343, 0.3680,

0.3565

0.4480

467.3193, 0.3267,
0.3551

■ 2.5043, 0.3810,
0.4849

■ 0.8788, 0.4119,
0.5881

■ 94.7611, 0.3362,
0.3739

■ 94.7611, 0.3362,
0.3739

■ 93.0999, 0.3494,
0.4000

■ 96.6373, 0.3229,
0.3483

■ 91.6317, 0.3622,
0.4257

■ 98.4905, 0.3120,
0.3271

■ 90.3505, 0.3738,
0.4501

■ 98.7452, 0.3128,
0.3271

■ 89.2451, 0.3837,
0.4721

■ 88.3033, 0.3915,
0.4906

■ 87.5108, 0.3967,
0.5050

■ 86.8511, 0.3993,
0.5148

■ 86.3021, 0.3994,
0.5203

■ 86.1888, 0.3992,
0.5212

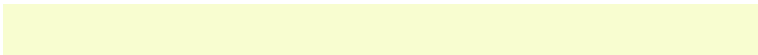
Harmonies

Analogous

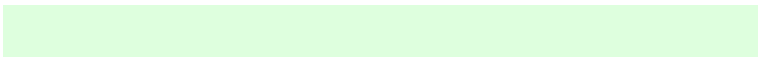
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7611, 0.3553, 0.3677



94.7611, 0.3362, 0.3739



94.7611, 0.3113, 0.3670

Triad

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



94.7611, 0.3362, 0.3739



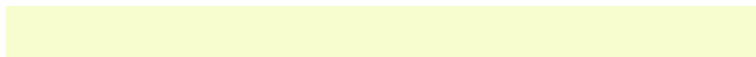
94.7611, 0.2649, 0.3034



94.7611, 0.3377, 0.3103

Complementary

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



94.7611, 0.3362, 0.3739



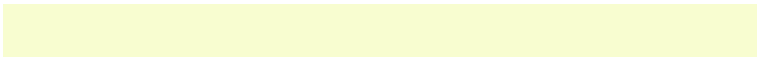
66.3623, 0.2867, 0.2808

Split Complementary

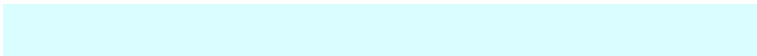
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7611, 0.3126, 0.2947



94.7611, 0.3362, 0.3739



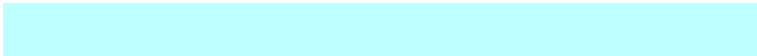
94.7611, 0.2712, 0.2902

Square

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



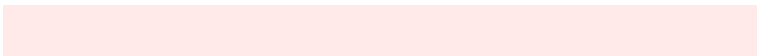
94.7611, 0.3362, 0.3739



94.7611, 0.2707, 0.3248



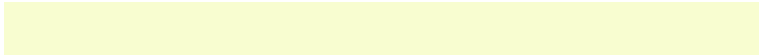
94.7611, 0.2883, 0.2873



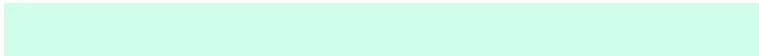
94.7611, 0.3565, 0.3307

Rectangle

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



94.7611, 0.3362, 0.3739



94.7611, 0.2949, 0.3557



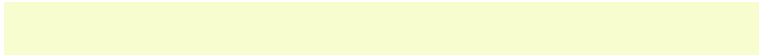
94.7611, 0.2883, 0.2873



94.7611, 0.3297, 0.3043

Sweetspot

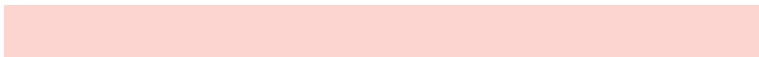
The Sweet Spot groups the original color and five complimentary colors.



94.7653, 0.3362, 0.3739



98.9340, 0.3192, 0.3413



72.7789, 0.3465, 0.3337



21.1448, 0.3201, 0.3430



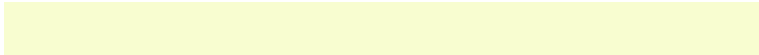
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

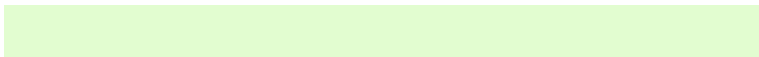
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7653, 0.3362, 0.3739



95.8904, 0.3405, 0.3823



90.9893, 0.3218, 0.3760



20.9806, 0.3252, 0.3526



45.8804, 0.3996, 0.5209



4.4956, 0.4020, 0.5190

Inverse Universe

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



66.3623, 0.2867, 0.2808



62.5397, 0.2814, 0.2711



69.8689, 0.3019, 0.2830



17.4758, 0.2996, 0.3045



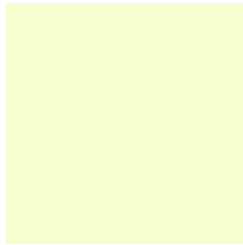
3.9384, 0.1539, 0.0621



0.4137, 0.1610, 0.0661

Previews

White Background



This preview shows how the Yxy color 94.7611, 0.3362, 0.3739 looks on a white background.

Color Contrast Check

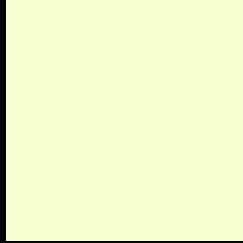
Large Text (above 18pt) WCAG AA × Fail

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 94.7611, 0.3362, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

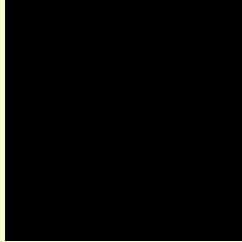
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7611, 0.3362, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 94.7611, 0.3362, 0.3739.



This preview shows how white text looks on a background with the Yxy color 94.7611, 0.3362, 0.3739.

Color Blindness Simulation

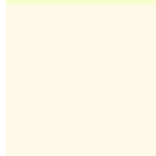
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



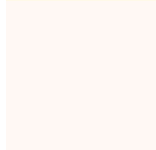
Original Color

94.7611, 0.3362, 0.3739



Protanopia

94.8376, 0.3268, 0.3456



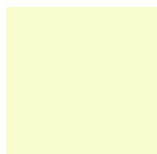
Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

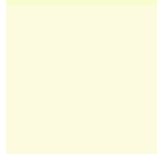
95.0503, 0.3111, 0.3223

Trichromacy



Original Color

94.7611, 0.3362, 0.3739



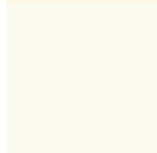
Protanomaly

94.3944, 0.3302, 0.3556



Deuteranomaly

94.8362, 0.3253, 0.3476



Tritanomaly

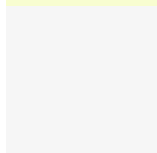
95.0535, 0.3205, 0.3407

Monochromacy



Original Color

94.7611, 0.3362, 0.3739



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.3517, 0.3216, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7611, 0.3362, 0.3739 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(248, 253, 208)` looks like.

```
.text, #text, p{  
    color:rgb(248, 253, 208)  
}
```

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(248, 253, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 253, 208) }
```

Border

The CSS property to change the border of an element to Yxy 94.7611, 0.3362, 0.3739 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(248, 253, 208) }
```

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

```
.border{ border-color:rgb(248, 253, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 253, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 253, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 253, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 253,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7611, 0.3362, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 253, 208) }
```

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

```
.background{ background-color: rgb(248,  
253, 208) }
```

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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