

Converting Colors

$Yxy(98.3131, 0.3263, 0.3678)$

Have a look what the booklet for
Yxy(98.3131, 0.3263, 0.3678)
contains.

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Color

Yxy(95.9204, 0.3262, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFDC
RGB	244, 255, 220
RGB Percent	96%, 100%, 86%
CMY	0.0432, 0.0000, 0.1373
CMYK	0.04, 0.00, 0.14, 0.00
HSL	79°, 100%, 93%
HSV	79°, 14%, 100%
XYZ	85.9831, 95.9204, 81.6865
YIQ	247.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

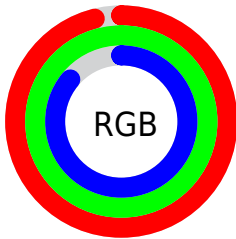
Format	Color
R_{YB}	220, 255, 231
Decimal	16056284
CIE _{Lab}	98.40, -9.53, 15.51
CIE _{LCh}	98, 18.208, 121.574
Y _{xy}	95.9204, 0.3262, 0.3639
Android (android.graphics.Color)	4294246364 (0xFFFF4FFDC)
YUV	247.7210, -13.6665, -3.2633
Hunter-Lab	97.9390, -14.6836, 19.1061

Details

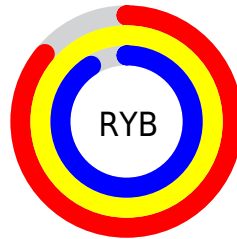
The Yxy color **95.9204, 0.3262, 0.3639** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.3919, 0.2979, 0.2932**, and the grayscale version is **93.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7961, 0.3292, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **93.2654, 0.3360, 0.3910**, and if you desaturate by 10%, it is **98.8401, 0.3163, 0.3382**.

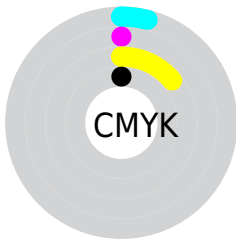
Distribution



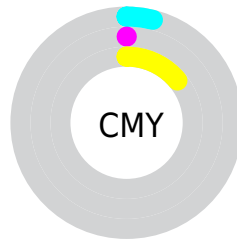
- Red (96%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9204, 0.3262, 0.3639 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 95.9204, 0.3262, 0.3639 by changing the saturation by 10% instead.


 95.9204, 0.3262,
0.3639

 95.9204, 0.3262,
0.3639


547.1074, 0.3204,
0.3483

 72.9013, 0.3274,
0.3673


155.5356, 0.3243,
0.3586

 53.8952, 0.3289,
0.3715


192.9004, 0.3235,
0.3565

 38.5179, 0.3307,
0.3768


235.8159, 0.3228,
0.3547

 26.3849, 0.3329,
0.3835

284.6664, 0.3222,
0.3531

 17.1118, 0.3357,
0.3923

339.8365, 0.3217,
0.3517

 10.3142, 0.3394,
0.4045

401.7104, 0.3212,

 5.6078, 0.3444,

0.3504

0.4224

470.6725, 0.3208,
0.3493

■ 2.6081, 0.3512,
0.4510

■ 0.9307, 0.4116,
0.5884

■ 95.9204, 0.3262,
0.3639

■ 95.9204, 0.3262,
0.3639

■ 93.2654, 0.3360,
0.3910

■ 98.8401, 0.3163,
0.3382

■ 90.8707, 0.3453,
0.4190

100.0000, 0.3127,
0.3290

■ 88.7236, 0.3538,
0.4468

■ 86.8124, 0.3608,
0.4734

■ 85.1242, 0.3658,
0.4976

■ 83.6446, 0.3685,
0.5180

■ 82.3571, 0.3687,
0.5338

■ 81.2416, 0.3663,
0.5446

■ 80.6121, 0.3639,
0.5493

Harmonies

Analogous

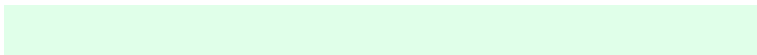
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9204, 0.3431, 0.3621



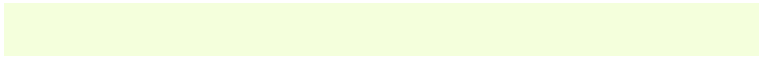
95.9204, 0.3262, 0.3639



95.9204, 0.3061, 0.3556

Triad

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



95.9204, 0.3262, 0.3639



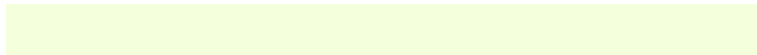
95.9204, 0.2750, 0.3051



95.9204, 0.3374, 0.3184

Complementary

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



95.9204, 0.3262, 0.3639



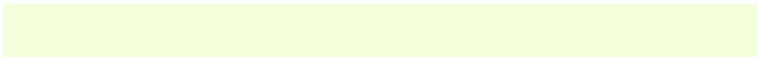
75.3919, 0.2979, 0.2932

Split Complementary

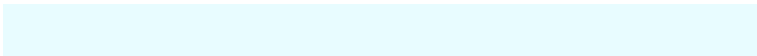
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9204, 0.3185, 0.3044



95.9204, 0.3262, 0.3639



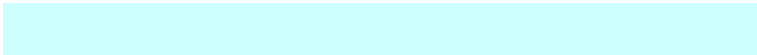
95.9204, 0.2827, 0.2965

Square

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



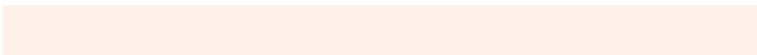
95.9204, 0.3262, 0.3639



95.9204, 0.2770, 0.3207



95.9204, 0.2984, 0.2965



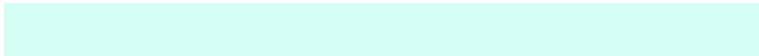
95.9204, 0.3498, 0.3354

Rectangle

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



95.9204, 0.3262, 0.3639



95.9204, 0.2936, 0.3454



95.9204, 0.2984, 0.2965



95.9204, 0.3316, 0.3133

Sweetspot

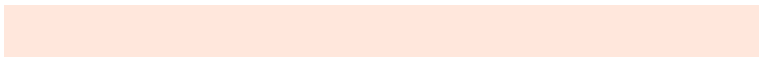
The Sweet Spot groups the original color and five complimentary colors.



95.9185, 0.3262, 0.3639



98.7571, 0.3166, 0.3388



83.2965, 0.3367, 0.3395



21.0891, 0.3173, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

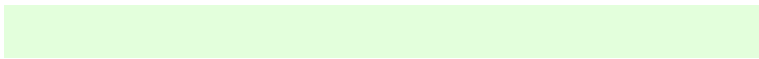
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9185, 0.3262, 0.3639



95.2926, 0.3284, 0.3700



93.0169, 0.3154, 0.3651



20.7875, 0.3220, 0.3528



42.2047, 0.3648, 0.5486



4.1676, 0.3711, 0.5435

Inverse Universe

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



75.3919, 0.2979, 0.2932



71.7502, 0.2952, 0.2868



78.3589, 0.3095, 0.2945



17.6548, 0.3028, 0.3048



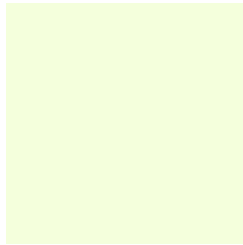
4.7377, 0.1718, 0.0720



0.5165, 0.1837, 0.0786

Previews

White Background



This preview shows how the Yxy color 95.9204, 0.3262, 0.3639 looks on a white background.

Color Contrast Check

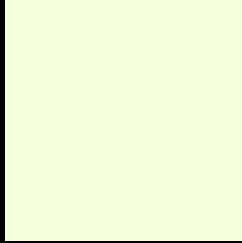
Large Text (above 18pt) WCAG AA × Fail

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 95.9204, 0.3262, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

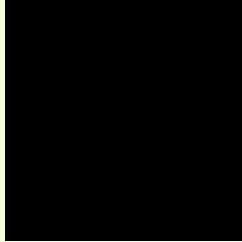
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

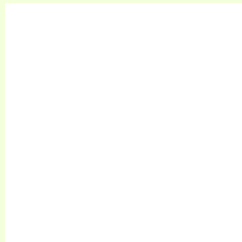
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9204, 0.3262, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 95.9204, 0.3262, 0.3639.

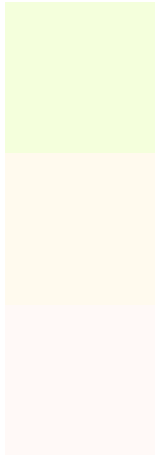


This preview shows how white text looks on a background with the Yxy color 95.9204, 0.3262, 0.3639.

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

95.9204, 0.3262, 0.3639

Protanopia

95.8043, 0.3230, 0.3406

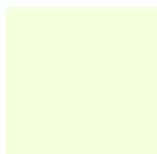
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

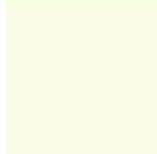
95.9152, 0.3098, 0.3242

Trichromacy



Original Color

95.9204, 0.3262, 0.3639



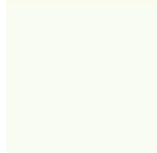
Protanomaly

95.8996, 0.3245, 0.3496



Deuteranomaly

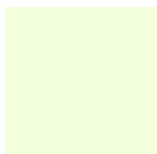
95.6180, 0.3210, 0.3427



Tritanomaly

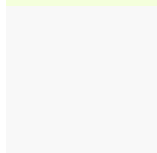
95.9881, 0.3160, 0.3388

Monochromacy



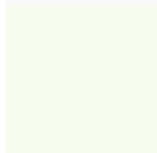
Original Color

95.9204, 0.3262, 0.3639



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9416, 0.3178, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9204, 0.3262, 0.3639 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(244, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 220)  
}
```

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(244, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 220) }
```

Border

The CSS property to change the border of an element to Yxy 95.9204, 0.3262, 0.3639 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(244, 255, 220) }
```

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

```
.border{ border-color:rgb(244, 255, 220) }
```

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

Here you see how a box with a 4 pixel rgb(244, 255, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9204, 0.3262, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 220) }
```

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

```
.background{ background-color: rgb(244,  
255, 220) }
```

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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