

Converting Colors

$Y_{xy}(94.5933, 0.3181, 0.3502)$

Have a look what the booklet for
Yxy(94.5933, 0.3181, 0.3502)
contains.

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Color

Yxy(94.7209, 0.3180, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	F1FDE7
RGB	241, 253, 231
RGB Percent	95%, 99%, 91%
CMY	0.0547, 0.0079, 0.0940
CMYK	0.05, 0.00, 0.09, 0.01
HSL	93°, 85%, 95%
HSV	93°, 9%, 99%
XYZ	85.8400, 94.7209, 89.3761
YIQ	246.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

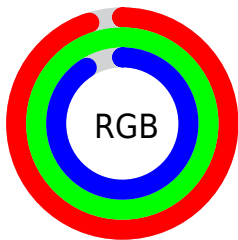
Format	Color
R _Y B	231, 253, 243
Decimal	15859175
CIE Lab	97.92, -7.74, 9.15
CIE LCh	98, 11.987, 130.207
Yxy	94.7209, 0.3180, 0.3509
Android (android.graphics.Color)	4294049255 (0xFFFF1FDE7)
YUV	246.9040, -7.8407, -5.1778
Hunter-Lab	97.3247, -12.8819, 13.6795

Details

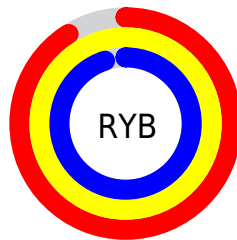
The Yxy color **94.7209, 0.3180, 0.3509** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.3042, 0.3070, 0.3072**, and the grayscale version is **93.0044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8893, 0.3195, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **91.0672, 0.3240, 0.3783**, and if you desaturate by 10%, it is **98.6866, 0.3127, 0.3271**.

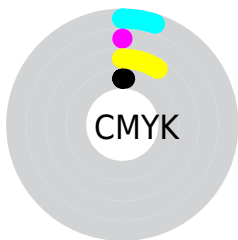
Distribution



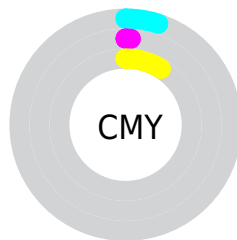
- Red (95%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)




- Cyan (5%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7209, 0.3180, 0.3509 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 94.7209, 0.3180, 0.3509 by changing the saturation by 10% instead.

 94.7209, 0.3180,
0.3509

 94.7209, 0.3180,
0.3509

543.2711, 0.3157,
0.3411

 71.9027, 0.3185,
0.3531

153.8790, 0.3172,
0.3476

 53.0792, 0.3191,
0.3557


190.9876, 0.3169,
0.3463

 37.8660, 0.3198,
0.3590


233.6285, 0.3167,
0.3451

 25.8787, 0.3206,
0.3632

282.1861, 0.3164,
0.3441

 16.7329, 0.3218,
0.3687

337.0448, 0.3162,
0.3432

 10.0443, 0.3232,
0.3764

398.5889, 0.3160,

 5.4283, 0.3253,

0.3424

0.3878

467.2029, 0.3159,
0.3417

■ 2.5007, 0.3281,
0.4064

■ 0.8770, 0.3510,
0.4775

■ 94.7209, 0.3180,
0.3509

■ 94.7209, 0.3180,
0.3509

■ 91.0672, 0.3240,
0.3783

98.6866, 0.3127,
0.3271

■ 87.7859, 0.3296,
0.4075

98.7242, 0.3128,
0.3271

■ 84.8674, 0.3346,
0.4381

■ 82.2972, 0.3385,
0.4689

■ 80.0596, 0.3408,
0.4985

■ 78.1376, 0.3412,
0.5253

■ 76.5120, 0.3395,
0.5477

■ 75.1609, 0.3358,
0.5644

■ 74.0547, 0.3303,
0.5753

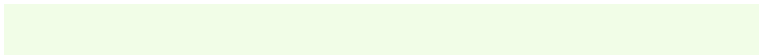
Harmonies

Analogous

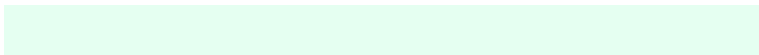
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7209, 0.3301, 0.3518



94.7209, 0.3180, 0.3509



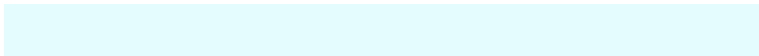
94.7209, 0.3047, 0.3437

Triad

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



94.7209, 0.3180, 0.3509



94.7209, 0.2884, 0.3111



94.7209, 0.3320, 0.3253

Complementary

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



94.7209, 0.3180, 0.3509



83.3042, 0.3070, 0.3072

Split Complementary

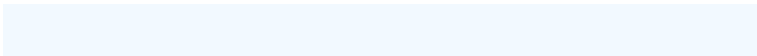
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7209, 0.3204, 0.3149



94.7209, 0.3180, 0.3509



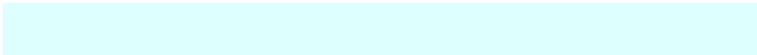
94.7209, 0.2954, 0.3068

Square

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



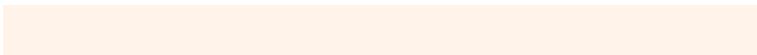
94.7209, 0.3180, 0.3509



94.7209, 0.2878, 0.3204



94.7209, 0.3070, 0.3082



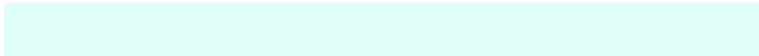
94.7209, 0.3383, 0.3367

Rectangle

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



94.7209, 0.3180, 0.3509



94.7209, 0.2969, 0.3365



94.7209, 0.3070, 0.3082



94.7209, 0.3286, 0.3216

Sweetspot

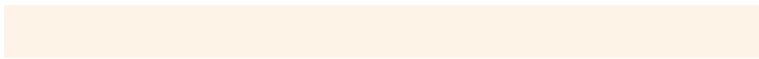
The Sweet Spot groups the original color and five complimentary colors.



94.7250, 0.3180, 0.3509



98.7370, 0.3145, 0.3364



90.5967, 0.3267, 0.3406



21.0628, 0.3150, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

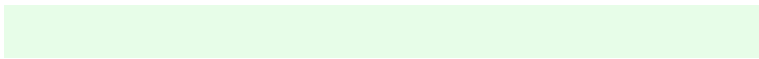
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7250, 0.3180, 0.3509



95.9308, 0.3188, 0.3544



93.0494, 0.3112, 0.3506



20.5743, 0.3185, 0.3531



39.4119, 0.3307, 0.5756



3.9014, 0.3395, 0.5687

Inverse Universe

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



83.3042, 0.3070, 0.3072



82.6543, 0.3061, 0.3037



85.0905, 0.3142, 0.3084



17.8641, 0.3064, 0.3050



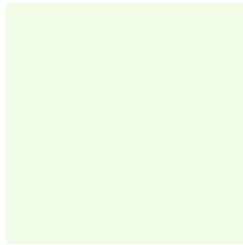
6.7121, 0.2108, 0.0935



0.7185, 0.2226, 0.1000

Previews

White Background



This preview shows how the Yxy color 94.7209, 0.3180, 0.3509 looks on a white background.

Color Contrast Check

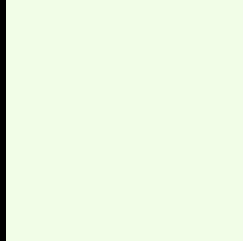
Large Text (above 18pt) WCAG AA × Fail

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 94.7209, 0.3180, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

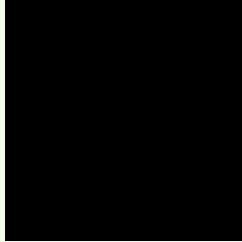
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

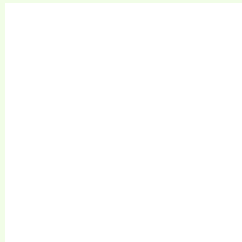
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7209, 0.3180, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 94.7209, 0.3180, 0.3509.

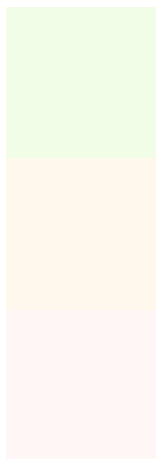


This preview shows how white text looks on a background with the Yxy color 94.7209, 0.3180, 0.3509.

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

94.7209, 0.3180, 0.3509

Protanopia

94.4509, 0.3244, 0.3407

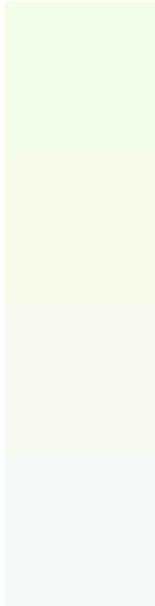
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.7209, 0.3180, 0.3509

Protanomaly

94.6357, 0.3222, 0.3447

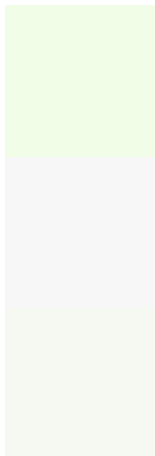
Deuteranomaly

94.4262, 0.3181, 0.3368

Tritanomaly

94.4375, 0.3119, 0.3329

Monochromacy



Original Color

94.7209, 0.3180, 0.3509

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.5147, 0.3149, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7209, 0.3180, 0.3509 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(241, 253, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 231)  
}
```

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(241, 253, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 231) }
```

Border

The CSS property to change the border of an element to Yxy 94.7209, 0.3180, 0.3509 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(241, 253, 231) }
```

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

```
.border{ border-color:rgb(241, 253, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 253, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7209, 0.3180, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 231) }
```

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

```
.background{ background-color: rgb(241,  
253, 231) }
```

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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