

Converting Colors

$Y_{xy}(130.8852, 0.3174, 0.4014)$

Have a look what the booklet for
Yxy(130.8852, 0.3174, 0.4014)
contains.

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Color

Yxy(95.8882, 0.3214, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFE2
RGB	242, 255, 226
RGB Percent	95%, 100%, 89%
CMY	0.0509, 0.0000, 0.1137
CMYK	0.05, 0.00, 0.11, 0.00
HSL	87°, 100%, 94%
HSV	87°, 11%, 100%
XYZ	86.1092, 95.8882, 85.9216
YIQ	247.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

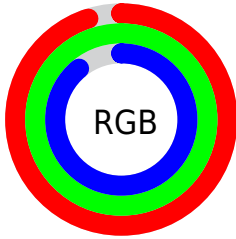
Format	Color
R _Y B	226, 255, 239
Decimal	15925218
CIE Lab	98.39, -9.24, 12.40
CIE LCh	98, 15.467, 126.693
Yxy	95.8882, 0.3214, 0.3579
Android (android.graphics.Color)	4294115298 (0xFFFF2FFE2)
YUV	247.8070, -10.7509, -5.0927
Hunter-Lab	97.9225, -14.3986, 16.5221

Details

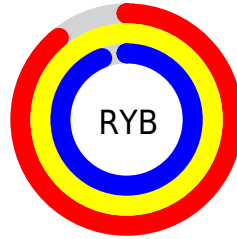
The Yxy color **95.8882, 0.3214, 0.3579** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79.9624, 0.3032, 0.3000**, and the grayscale version is **93.7955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7675, 0.3230, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **92.6357, 0.3289, 0.3854**, and if you desaturate by 10%, it is **99.4809, 0.3138, 0.3323**.

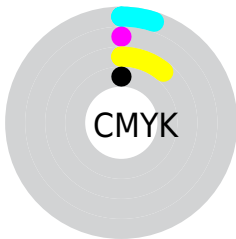
Distribution



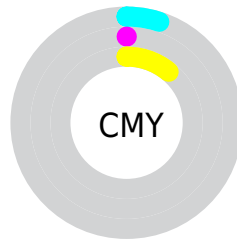
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.8882, 0.3214, 0.3579 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 95.8882, 0.3214, 0.3579 by changing the saturation by 10% instead.

 95.8882, 0.3214,
0.3579

 95.8882, 0.3214,
0.3579

547.0046, 0.3177,
0.3450

 72.8744, 0.3222,
0.3608


155.4911, 0.3202,
0.3535

 53.8733, 0.3231,
0.3642


192.8491, 0.3197,
0.3518

 38.5004, 0.3243,
0.3686


235.7572, 0.3192,
0.3503

 26.3713, 0.3257,
0.3741

284.5999, 0.3188,
0.3489

 17.1016, 0.3275,
0.3814

339.7616, 0.3185,
0.3478

 10.3070, 0.3299,
0.3916

401.6267, 0.3182,

 5.6030, 0.3331,

0.3467

0.4065

470.5796, 0.3179,
0.3458

■ 2.6052, 0.3374,
0.4307

■ 0.9293, 0.3797,
0.5371

■ 95.8882, 0.3214,
0.3579

■ 95.8882, 0.3214,
0.3579

■ 92.6357, 0.3289,
0.3854

■ 99.4809, 0.3138,
0.3323

■ 89.7032, 0.3361,
0.4143

100.0000, 0.3127,
0.3290

■ 87.0814, 0.3424,
0.4439

■ 84.7572, 0.3475,
0.4731

■ 82.7164, 0.3508,
0.5004

■ 80.9433, 0.3519,
0.5245

■ 79.4201, 0.3507,
0.5440

■ 78.1258, 0.3472,
0.5580

■ 77.1669, 0.3427,
0.5661

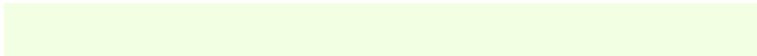
Harmonies

Analogous

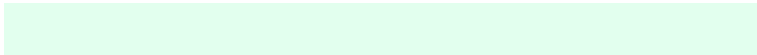
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8882, 0.3365, 0.3579



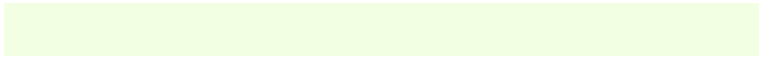
95.8882, 0.3214, 0.3579



95.8882, 0.3043, 0.3495

Triad

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



95.8882, 0.3214, 0.3579



95.8882, 0.2811, 0.3070



95.8882, 0.3360, 0.3224

Complementary

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



95.8882, 0.3214, 0.3579



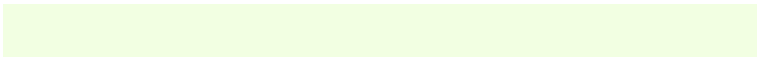
79.9624, 0.3032, 0.3000

Split Complementary

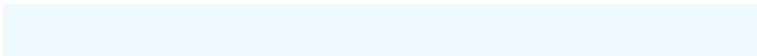
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8882, 0.3206, 0.3098



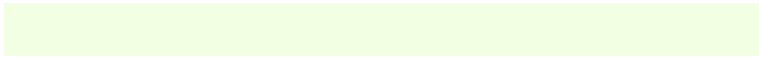
95.8882, 0.3214, 0.3579



95.8882, 0.2890, 0.3008

Square

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



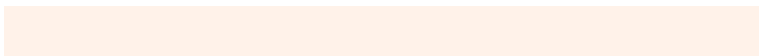
95.8882, 0.3214, 0.3579



95.8882, 0.2813, 0.3195



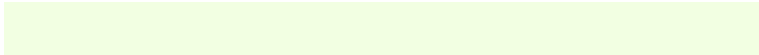
95.8882, 0.3034, 0.3019



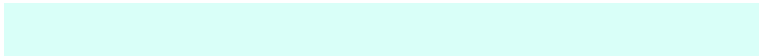
95.8882, 0.3452, 0.3371

Rectangle

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



95.8882, 0.3214, 0.3579



95.8882, 0.2941, 0.3404



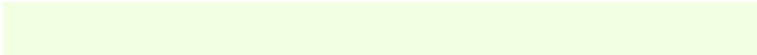
95.8882, 0.3034, 0.3019



95.8882, 0.3314, 0.3178

Sweetspot

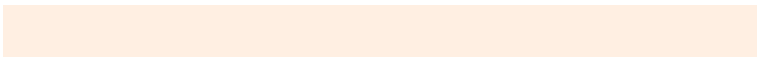
The Sweet Spot groups the original color and five complimentary colors.



95.8912, 0.3214, 0.3579



98.8731, 0.3150, 0.3364



88.2315, 0.3317, 0.3414



21.0996, 0.3156, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

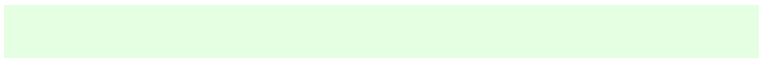
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8912, 0.3214, 0.3579



95.0036, 0.3234, 0.3650



93.4946, 0.3125, 0.3587



20.6626, 0.3200, 0.3530



40.4114, 0.3438, 0.5652



3.9996, 0.3520, 0.5587

Inverse Universe

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



79.9624, 0.3032, 0.3000



75.7505, 0.3008, 0.2928



82.5092, 0.3127, 0.3008



17.7759, 0.3049, 0.3049



5.7338, 0.1923, 0.0833



0.6220, 0.2049, 0.0902

Previews

White Background



This preview shows how the Yxy color 95.8882, 0.3214, 0.3579 looks on a white background.

Color Contrast Check

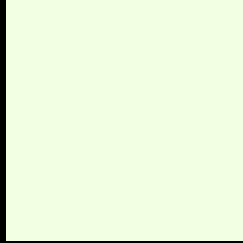
Large Text (above 18pt) WCAG AA × Fail

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 95.8882, 0.3214, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

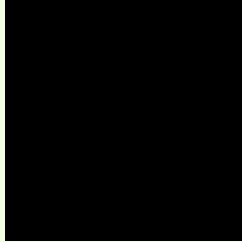
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

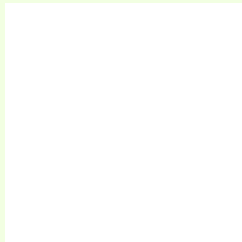
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8882, 0.3214, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 95.8882, 0.3214, 0.3579.



This preview shows how white text looks on a background with the Yxy color 95.8882, 0.3214, 0.3579.

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

95.8882, 0.3214, 0.3579



Protanopia

95.8632, 0.3224, 0.3397

Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

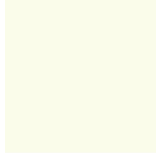
95.9152, 0.3098, 0.3242

Trichromacy



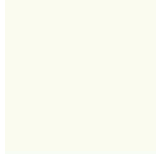
Original Color

95.8882, 0.3214, 0.3579



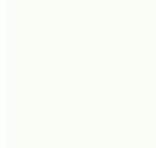
Protanomaly

95.8853, 0.3220, 0.3466



Deuteranomaly

95.5503, 0.3191, 0.3407



Tritanomaly

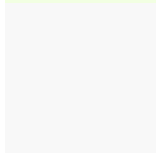
95.9266, 0.3142, 0.3368

Monochromacy



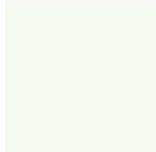
Original Color

95.8882, 0.3214, 0.3579



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8785, 0.3160, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8882, 0.3214, 0.3579 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(242, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 226)  
}
```

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(242, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 226) }
```

Border

The CSS property to change the border of an element to Yxy 95.8882, 0.3214, 0.3579 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(242, 255, 226) }
```

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

```
.border{ border-color:rgb(242, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 255, 226); box-shadow:4px 4px 4px 4px rgb(242, 255, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8882, 0.3214, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 226) }
```

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

```
.background{ background-color: rgb(242,  
255, 226) }
```

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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