

Converting Colors

$Y_{xy}(95.8359, 0.3117, 0.3333)$

Have a look what the booklet for
Yxy(95.8359, 0.3117, 0.3333)
contains.

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Color

Yxy(95.9290, 0.3119, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	F6FCF7
RGB	246, 252, 247
RGB Percent	96%, 99%, 97%
CMY	0.0352, 0.0118, 0.0315
CMYK	0.02, 0.00, 0.02, 0.01
HSL	129°, 50%, 98%
HSV	129°, 2%, 99%
XYZ	89.6084, 95.9290, 101.7612
YIQ	249.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

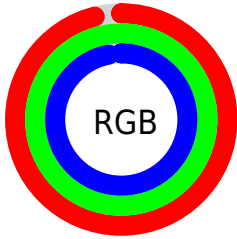
Format	Color
RYB	246, 251, 252
Decimal	16186615
CIELab	98.40, -2.85, 1.71
CIELCh	98, 3.318, 149.031
Yxy	95.9290, 0.3119, 0.3339
Android (android.graphics.Color)	4294376695 (0xFFFF6FCF7)
YUV	249.6360, -1.2995, -3.1888
Hunter-Lab	97.9434, -8.0911, 6.9592

Details

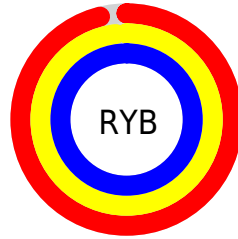
The Yxy color 95.9290, 0.3119, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5953, 0.3135, 0.3241, and the grayscale version is 95.2989, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7390, 0.3117, 0.3340 is the 20% darker color. If you saturate the color by 10%, you get 90.4425, 0.3084, 0.3564, and if you desaturate by 10%, it is 98.1012, 0.3128, 0.3262.

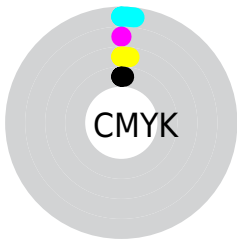
Distribution



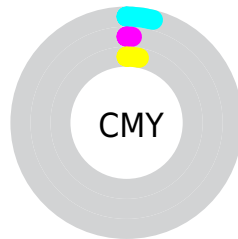
- Red (96%)
- Green (99%)
- Blue (97%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



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





- Cyan (4%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9290, 0.3119, 0.3339 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 95.9290, 0.3119, 0.3339 by changing the saturation by 10% instead.


 95.9290, 0.3119,
0.3339

 95.9290, 0.3119,
0.3339


547.1348, 0.3123,
0.3317

 72.9084, 0.3118,
0.3344


155.5474, 0.3120,
0.3332

 53.9011, 0.3117,
0.3349


192.9141, 0.3121,
0.3329

 38.5226, 0.3116,
0.3357


235.8315, 0.3121,
0.3326

 26.3885, 0.3114,
0.3366

284.6842, 0.3122,
0.3324

 17.1145, 0.3112,
0.3377

339.8565, 0.3122,
0.3322

 10.3162, 0.3110,
0.3394

401.7327, 0.3122,

 5.6091, 0.3105,

0.3320

0.3417

470.6974, 0.3122,
0.3319

■ 2.6089, 0.3099,
0.3455

■ 0.9311, 0.3087,
0.3528

■ 95.9290, 0.3119,
0.3339

■ 95.9290, 0.3119,
0.3339

■ 90.4425, 0.3084,
0.3564

■ 98.1012, 0.3128,
0.3262

■ 85.6898, 0.3049,
0.3817

■ 81.6435, 0.3015,
0.4098

■ 78.2697, 0.2984,
0.4402

■ 75.5314, 0.2958,
0.4719

■ 73.3884, 0.2941,
0.5035

■ 71.7958, 0.2934,
0.5330

■ 70.7018, 0.2939,
0.5584

■ 70.0449, 0.2954,
0.5780

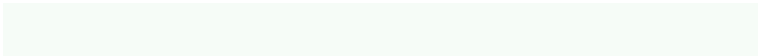
Harmonies

Analogous

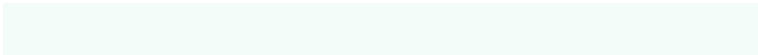
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9290, 0.3156, 0.3353



95.9290, 0.3119, 0.3339



95.9290, 0.3085, 0.3312

Triad

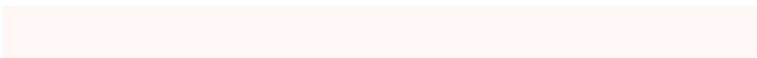
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.9290, 0.3119, 0.3339



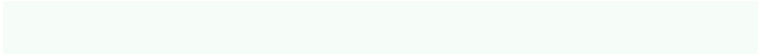
95.9290, 0.3070, 0.3231



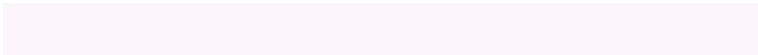
95.9290, 0.3193, 0.3301

Complementary

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



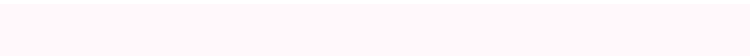
95.9290, 0.3119, 0.3339



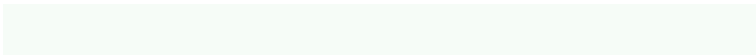
93.5953, 0.3135, 0.3241

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.



95.9290, 0.3170, 0.3268



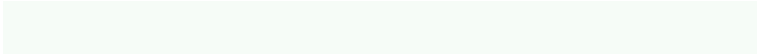
95.9290, 0.3119, 0.3339



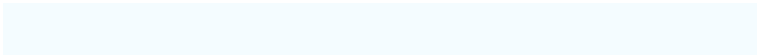
95.9290, 0.3099, 0.3229

Square

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



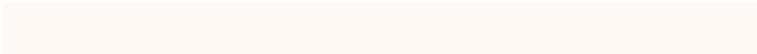
95.9290, 0.3119, 0.3339



95.9290, 0.3057, 0.3250



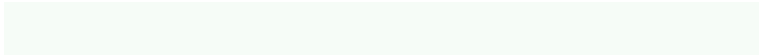
95.9290, 0.3135, 0.3242



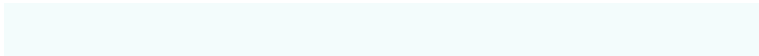
95.9290, 0.3198, 0.3330

Rectangle

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



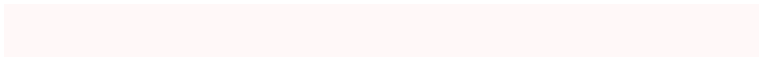
95.9290, 0.3119, 0.3339



95.9290, 0.3068, 0.3290



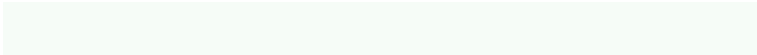
95.9290, 0.3135, 0.3242



95.9290, 0.3187, 0.3290

Sweetspot

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



95.9331, 0.3119, 0.3339



99.3818, 0.3124, 0.3311



96.8057, 0.3156, 0.3348



21.2783, 0.3124, 0.3310



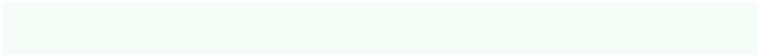
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.9331, 0.3119, 0.3339



98.1693, 0.3117, 0.3352



96.1163, 0.3102, 0.3310



20.0182, 0.3114, 0.3369



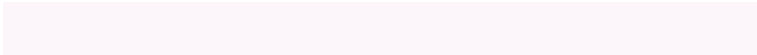
36.3579, 0.2963, 0.5867



3.3799, 0.2912, 0.5682

Inverse Universe

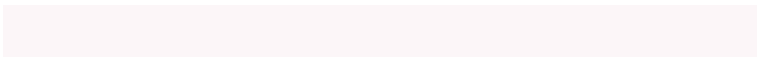
The Inverse Universe completely reimagines the original color for something new.



93.5953, 0.3135, 0.3241



95.1388, 0.3138, 0.3228



93.4110, 0.3153, 0.3270



19.2371, 0.3141, 0.3212



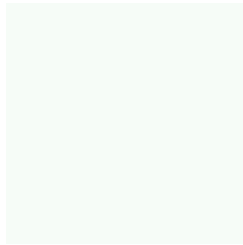
13.2875, 0.3651, 0.1785



1.2428, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 95.9290, 0.3119, 0.3339 looks on a white background.

Color Contrast Check

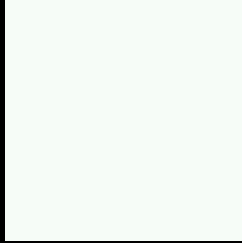
Large Text (above 18pt) WCAG AA × Fail

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 95.9290, 0.3119, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

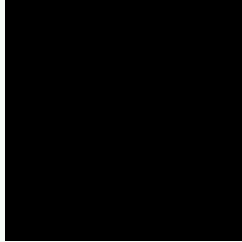
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

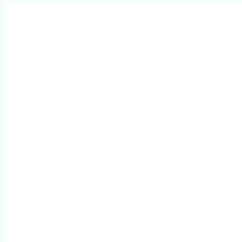
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9290, 0.3119, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 95.9290, 0.3119, 0.3339.

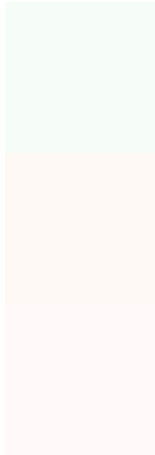


This preview shows how white text looks on a background with the Yxy color 95.9290, 0.3119, 0.3339.

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

95.9290, 0.3119, 0.3339

Protanopia

95.6652, 0.3183, 0.3319

Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

95.9290, 0.3119, 0.3339

Protanomaly

95.7205, 0.3163, 0.3329

Deuteranomaly

95.9062, 0.3146, 0.3300

Tritanomaly

96.1624, 0.3109, 0.3280

Monochromacy



Original Color

95.9290, 0.3119, 0.3339

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.9737, 0.3126, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9290, 0.3119, 0.3339 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(246, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 252, 247)  
}
```

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(246, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 252, 247) }
```

Border

The CSS property to change the border of an element to Yxy 95.9290, 0.3119, 0.3339 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(246, 252, 247) }
```

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

```
.border{ border-color:rgb(246, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 252,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9290, 0.3119, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 252, 247) }
```

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

```
.background{ background-color: rgb(246,  
252, 247) }
```

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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