

Converting Colors

$Y_{xy}(95.5106, 0.3114, 0.3242)$

Have a look what the booklet for
Yxy(95.5106, 0.3114, 0.3242)
contains.

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Color

Yxy(95.6026, 0.3117, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	FCF9FE
RGB	252, 249, 254
RGB Percent	99%, 98%, 100%
CMY	0.0116, 0.0235, 0.0039
CMYK	0.01, 0.02, 0.00, 0.00
HSL	276°, 71%, 99%
HSV	276°, 2%, 100%
XYZ	91.9165, 95.6026, 107.3686
YIQ	250.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

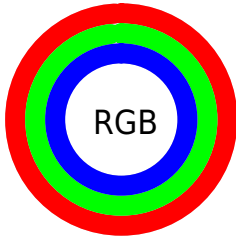
Format	Color
R _Y B	252, 249, 254
Decimal	16579070
CIE Lab	98.27, 1.89, -2.04
CIE LCh	98, 2.783, 312.732
Yxy	95.6026, 0.3117, 0.3242
Android (android.graphics.Color)	4294769150 (0xFFFCF9FE)
YUV	250.4670, 1.7418, 1.3444
Hunter-Lab	97.7766, -3.3071, 3.3372

Details

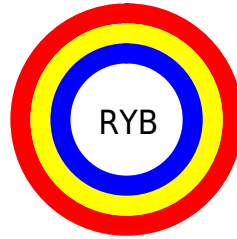
The Yxy color 95.6026, 0.3117, 0.3242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.2222, 0.3137, 0.3338, and the grayscale version is 95.9952, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7732, 0.3113, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 79.1354, 0.3060, 0.2987, and if you desaturate by 10%, it is 99.9354, 0.3133, 0.3300.

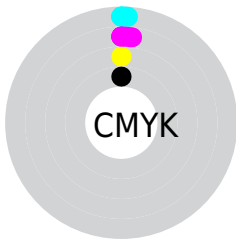
Distribution



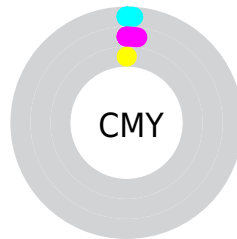
- Red (99%)
- Green (98%)
- Blue (100%)



- Red (99%)
- Yellow (98%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6026, 0.3117, 0.3242 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 95.6026, 0.3117, 0.3242 by changing the saturation by 10% instead.


 95.6026, 0.3117,
0.3242

 95.6026, 0.3117,
0.3242

546.0923, 0.3122,
0.3263

 72.6366, 0.3116,
0.3237


155.0969, 0.3119,
0.3249

 53.6789, 0.3115,
0.3232

192.3939, 0.3119,
0.3252

 38.3450, 0.3113,
0.3225


235.2368, 0.3120,
0.3254

 26.2506, 0.3111,
0.3216

284.0099, 0.3120,
0.3257

 17.0112, 0.3109,
0.3205

339.0976, 0.3121,
0.3259

 10.2425, 0.3105,
0.3189

400.8843, 0.3121,

 5.5600, 0.3100,

0.3260

0.3167

469.7544, 0.3121,
0.3262

■ 2.5794, 0.3092,
0.3132

■ 0.9163, 0.3077,
0.3068

■ 95.6026, 0.3117,
0.3242

■ 95.6026, 0.3117,
0.3242

■ 79.1354, 0.3060,
0.2987

99.9354, 0.3133,
0.3300

■ 64.7986, 0.2992,
0.2714

■ 52.5044, 0.2913,
0.2431

■ 42.1545, 0.2825,
0.2143

■ 33.6417, 0.2727,
0.1864

■ 26.8488, 0.2622,
0.1604

■ 21.6441, 0.2514,
0.1379

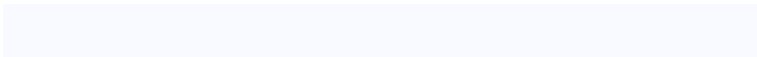
■ 17.8762, 0.2408,
0.1199

■ 15.3631, 0.2306,
0.1071

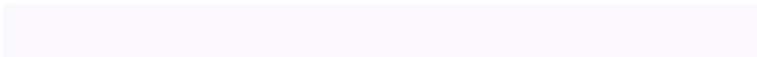
Harmonies

Analogous

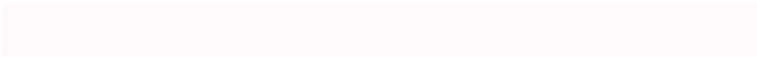
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6026, 0.3089, 0.3238



95.6026, 0.3117, 0.3242



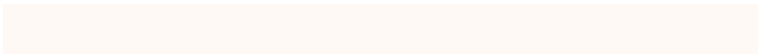
95.6026, 0.3148, 0.3259

Triad

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



95.6026, 0.3117, 0.3242



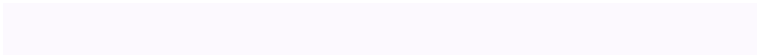
95.6026, 0.3184, 0.3333



95.6026, 0.3081, 0.3296

Complementary

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



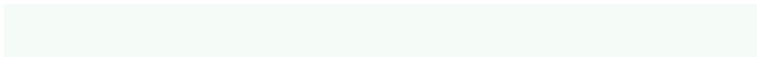
95.6026, 0.3117, 0.3242



98.2222, 0.3137, 0.3338

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.



95.6026, 0.3107, 0.3322



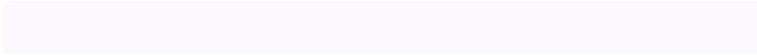
95.6026, 0.3117, 0.3242



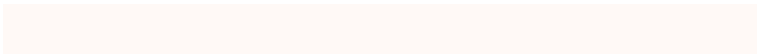
95.6026, 0.3166, 0.3343

Square

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



95.6026, 0.3117, 0.3242



95.6026, 0.3186, 0.3311



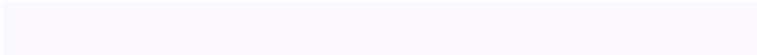
95.6026, 0.3137, 0.3339



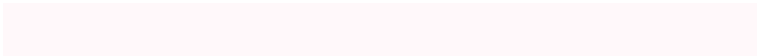
95.6026, 0.3068, 0.3269

Rectangle

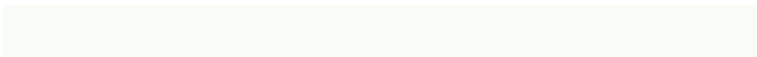
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



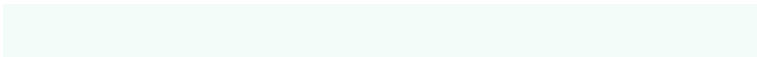
95.6026, 0.3117, 0.3242



95.6026, 0.3166, 0.3275



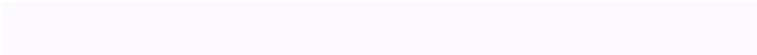
95.6026, 0.3137, 0.3339



95.6026, 0.3089, 0.3305

Sweetspot

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



95.6067, 0.3117, 0.3242



98.1940, 0.3122, 0.3266



96.2873, 0.3097, 0.3261



21.0366, 0.3122, 0.3267



0.0000, 0.0000, 0.0000



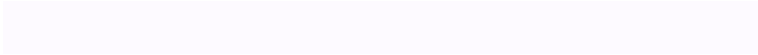
21.4041, 0.3127, 0.3290

Same Dimension

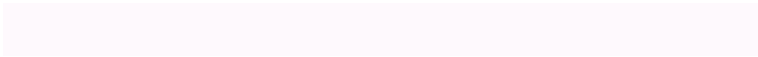
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6067, 0.3117, 0.3242



96.4106, 0.3117, 0.3241



95.9436, 0.3132, 0.3247



20.6734, 0.3117, 0.3244



7.4871, 0.2244, 0.1010



0.7923, 0.2352, 0.1069

Inverse Universe

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



95.7829, 0.3147, 0.3271



96.5914, 0.3148, 0.3271



97.8903, 0.3122, 0.3333



20.7102, 0.3147, 0.3272



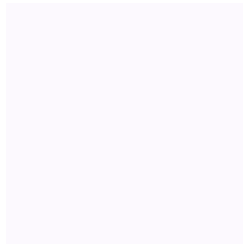
11.6199, 0.5411, 0.2755



1.1521, 0.5108, 0.2587

Previews

White Background



This preview shows how the Yxy color 95.6026, 0.3117, 0.3242 looks on a white background.

Color Contrast Check

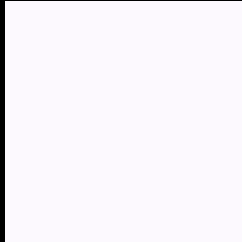
Large Text (above 18pt) WCAG AA × Fail

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 95.6026, 0.3117, 0.3242 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 95.6026, 0.3117, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 95.6026, 0.3117, 0.3242.



This preview shows how white text looks on a background with the Yxy color 95.6026, 0.3117, 0.3242.

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

95.6026, 0.3117, 0.3242

Protanopia

95.7898, 0.3123, 0.3242

Deuteranopia

95.3598, 0.3154, 0.3261

Tritanopia

95.4806, 0.3105, 0.3232

Trichromacy

Original Color

95.6026, 0.3117, 0.3242

Protanomaly

95.7898, 0.3123, 0.3242

Deuteranomaly

95.2339, 0.3142, 0.3252

Tritanomaly

95.4806, 0.3105, 0.3232

Monochromacy

Original Color

95.6026, 0.3117, 0.3242

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.8455, 0.3128, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6026, 0.3117, 0.3242 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(252, 249, 254) looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 254)  
}
```

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(252, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 254) }
```

Border

The CSS property to change the border of an element to Yxy 95.6026, 0.3117, 0.3242 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(252, 249, 254) }
```

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

```
.border{ border-color:rgb(252, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6026, 0.3117, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 254) }
```

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

```
.background{ background-color: rgb(252,  
249, 254) }
```

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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