

Converting Colors

Yxy(95.9616, 0.3100, 0.3329)

Have a look what the booklet for
Yxy(95.9616, 0.3100, 0.3329)
contains.

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Color

Yxy(95.6312, 0.3100, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	F4FCF8
RGB	244, 252, 248
RGB Percent	96%, 99%, 97%
CMY	0.0433, 0.0117, 0.0274
CMYK	0.03, 0.00, 0.02, 0.01
HSL	150°, 57%, 97%
HSV	150°, 3%, 99%
XYZ	89.0528, 95.6312, 102.5831
YIQ	249.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

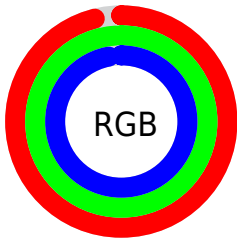
Format	Color
R_{YB}	244, 249, 252
Decimal	16055544
CIE _{Lab}	98.29, -3.35, 0.98
CIE _{LCh}	98, 3.490, 163.722
Y _{xy}	95.6312, 0.3100, 0.3329
Android (android.graphics.Color)	4294245624 (0xFFFF4FCF8)
YUV	249.1520, -0.5679, -4.5183
Hunter-Lab	97.7912, -8.5850, 6.2586

Details

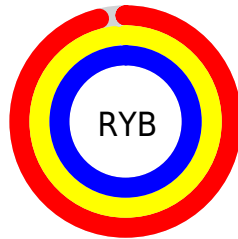
The Yxy color 95.6312, 0.3100, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.1505, 0.3155, 0.3251, and the grayscale version is 94.8684, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5274, 0.3094, 0.3327 is the 20% darker color. If you saturate the color by 10%, you get 90.6808, 0.3016, 0.3461, and if you desaturate by 10%, it is 98.1111, 0.3128, 0.3262.

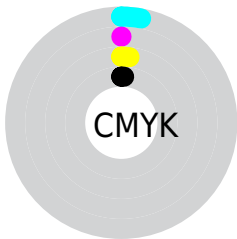
Distribution



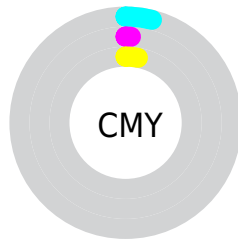
- Red (96%)
- Green (99%)
- Blue (97%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6312, 0.3100, 0.3329 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 95.6312, 0.3100, 0.3329 by changing the saturation by 10% instead.


 95.6312, 0.3100,
0.3329

 95.6312, 0.3100,
0.3329

546.1837, 0.3112,
0.3312

 72.6604, 0.3097,
0.3333


155.1363, 0.3104,
0.3323

 53.6984, 0.3094,
0.3337


192.4395, 0.3106,
0.3321

 38.3606, 0.3090,
0.3343


235.2889, 0.3107,
0.3319

 26.2626, 0.3085,
0.3350

284.0690, 0.3108,
0.3317

 17.0202, 0.3079,
0.3359

339.1641, 0.3109,
0.3316

 10.2489, 0.3070,
0.3372

400.9587, 0.3110,

 5.5643, 0.3056,

0.3314

0.3391

469.8371, 0.3111,
0.3313

■ 2.5820, 0.3036,
0.3421

■ 0.9176, 0.2995,
0.3478

■ 95.6312, 0.3100,
0.3329

■ 95.6312, 0.3100,
0.3329

■ 90.6808, 0.3016,
0.3461

■ 98.1111, 0.3128,
0.3262

■ 86.3687, 0.2935,
0.3608

■ 82.6715, 0.2860,
0.3769

■ 79.5595, 0.2794,
0.3944

■ 77.0006, 0.2741,
0.4131

■ 74.9594, 0.2703,
0.4326

■ 73.3962, 0.2684,
0.4523

■ 72.2654, 0.2685,
0.4719

■ 71.5115, 0.2707,
0.4907

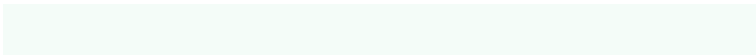
Harmonies

Analogous

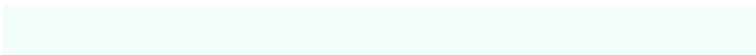
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6312, 0.3139, 0.3351



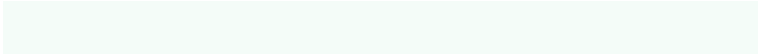
95.6312, 0.3100, 0.3329



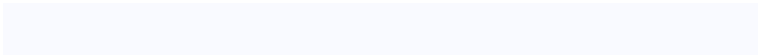
95.6312, 0.3069, 0.3296

Triad

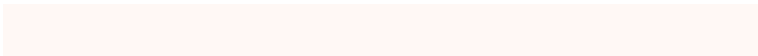
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6312, 0.3100, 0.3329



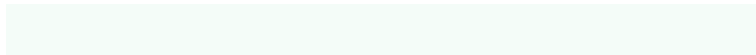
95.6312, 0.3080, 0.3224



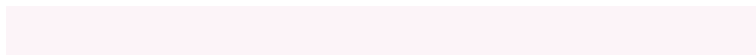
95.6312, 0.3202, 0.3317

Complementary

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



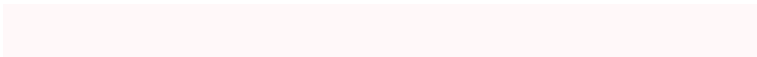
95.6312, 0.3100, 0.3329



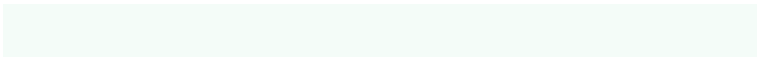
92.1505, 0.3155, 0.3251

Split Complementary

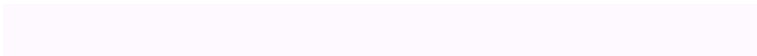
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6312, 0.3186, 0.3284



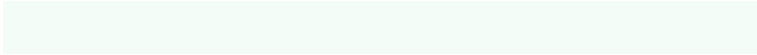
95.6312, 0.3100, 0.3329



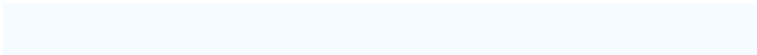
95.6312, 0.3116, 0.3230

Square

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



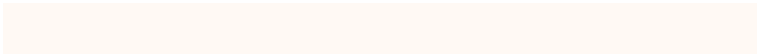
95.6312, 0.3100, 0.3329



95.6312, 0.3058, 0.3236



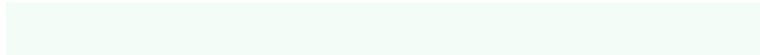
95.6312, 0.3154, 0.3252



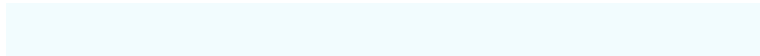
95.6312, 0.3197, 0.3344

Rectangle

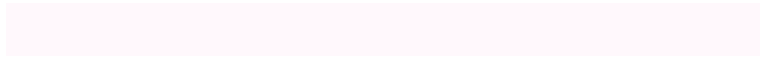
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



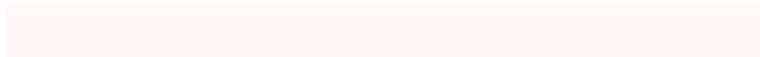
95.6312, 0.3100, 0.3329



95.6312, 0.3056, 0.3273



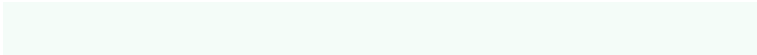
95.6312, 0.3154, 0.3252



95.6312, 0.3199, 0.3306

Sweetspot

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



95.6353, 0.3100, 0.3329



99.4383, 0.3119, 0.3302



96.1146, 0.3149, 0.3369



21.2898, 0.3119, 0.3301



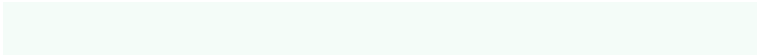
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.6353, 0.3100, 0.3329



97.7945, 0.3093, 0.3339



95.8863, 0.3077, 0.3290



19.9569, 0.3087, 0.3348



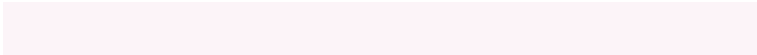
37.0923, 0.2722, 0.4998



3.4568, 0.2661, 0.4781

Inverse Universe

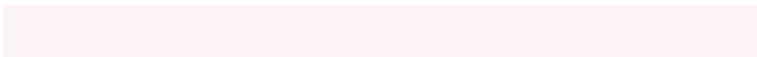
The Inverse Universe completely reimagines the original color for something new.



92.1505, 0.3155, 0.3251



93.3376, 0.3163, 0.3241



91.9049, 0.3179, 0.3290



18.8795, 0.3169, 0.3232



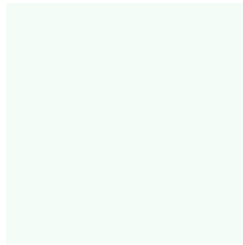
11.5835, 0.4977, 0.2515



1.0942, 0.4709, 0.2368

Previews

White Background



This preview shows how the Yxy color 95.6312, 0.3100, 0.3329 looks on a white background.

Color Contrast Check

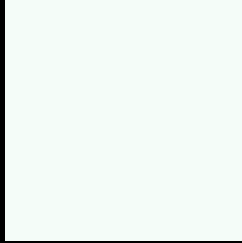
Large Text (above 18pt) WCAG AA × Fail

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 95.6312, 0.3100, 0.3329 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

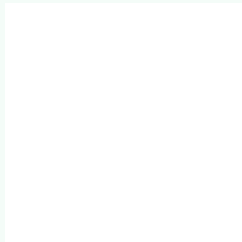
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.6312, 0.3100, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 95.6312, 0.3100, 0.3329.

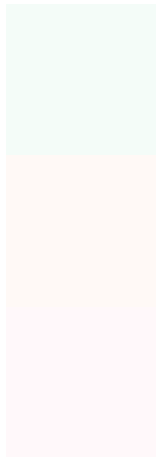


This preview shows how white text looks on a background with the Yxy color 95.6312, 0.3100, 0.3329.

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

95.6312, 0.3100, 0.3329

Protanopia

95.6652, 0.3183, 0.3319

Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.7310, 0.3092, 0.3242

Trichromacy



Original Color

95.6312, 0.3100, 0.3329

Protanomaly

95.5958, 0.3151, 0.3319

Deuteranomaly

95.1001, 0.3140, 0.3290

Tritanomaly

95.7968, 0.3096, 0.3280

Monochromacy



Original Color

95.6312, 0.3100, 0.3329

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.9849, 0.3114, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6312, 0.3100, 0.3329 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, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 248)  
}
```

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, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 248) }
```

Border

The CSS property to change the border of an element to Yxy 95.6312, 0.3100, 0.3329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

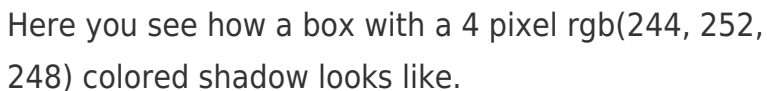
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 252, 248) }
```

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

```
.border{ border-color:rgb(244, 252, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 252, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 252, 248); box-shadow:4px 4px 4px 4px rgb(244, 252, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6312, 0.3100, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 248) }
```

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

```
.background{ background-color: rgb(244,  
252, 248) }
```

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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