

Converting Colors

$Y_{xy}(95.5305, 0.3130, 0.3250)$

Have a look what the booklet for
Yxy(95.5305, 0.3130, 0.3250)
contains.

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Color

Yxy(95.7259, 0.3129, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9FD
RGB	253, 249, 253
RGB Percent	99%, 98%, 99%
CMY	0.0079, 0.0235, 0.0079
CMYK	0.00, 0.02, 0.00, 0.01
HSL	300°, 50%, 98%
HSV	300°, 2%, 99%
XYZ	92.1053, 95.7259, 106.5289
YIQ	250.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

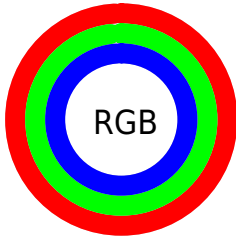
Format	Color
R _Y B	253, 249, 253
Decimal	16644605
CIE Lab	98.32, 2.01, -1.44
CIE LCh	98, 2.476, 324.465
Yxy	95.7259, 0.3129, 0.3252
Android (android.graphics.Color)	4294834685 (0xFFFD9FD)
YUV	250.6520, 1.1576, 2.0592
Hunter-Lab	97.8396, -3.1811, 3.9321

Details

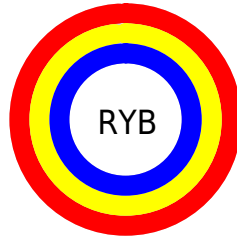
The Yxy color 95.7259, 0.3129, 0.3252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.2239, 0.3125, 0.3328, and the grayscale version is 96.1552, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8612, 0.3129, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 81.1249, 0.3141, 0.3005, and if you desaturate by 10%, it is 99.4936, 0.3126, 0.3309.

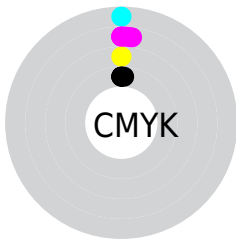
Distribution



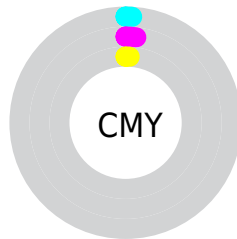
- Red (99%)
- Green (98%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.7259, 0.3129, 0.3252 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 95.7259, 0.3129, 0.3252 by changing the saturation by 10% instead.

 95.7259, 0.3129,
0.3252

 95.7259, 0.3129,
0.3252


546.4863, 0.3128,
0.3269

 72.7393, 0.3129,
0.3248

155.2671, 0.3129,
0.3258

 53.7628, 0.3129,
0.3244


192.5904, 0.3129,
0.3260

 38.4121, 0.3130,
0.3238


235.4615, 0.3129,
0.3262

 26.3027, 0.3130,
0.3232

284.2647, 0.3128,
0.3264

 17.0502, 0.3130,
0.3223

339.3843, 0.3128,
0.3265

 10.2703, 0.3131,
0.3210

401.2049, 0.3128,

 5.5785, 0.3131,

0.3266

0.3192

470.1107, 0.3128,
0.3268

■ 2.5905, 0.3132,
0.3165

■ 0.9219, 0.3134,
0.3114

■ 95.7259, 0.3129,
0.3252

■ 95.7259, 0.3129,
0.3252

■ 81.1249, 0.3141,
0.3005

■ 99.4936, 0.3126,
0.3309

■ 68.5418, 0.3153,
0.2753

■ 99.4973, 0.3126,
0.3308

■ 57.8917, 0.3165,
0.2505

■ 99.5009, 0.3125,
0.3308

■ 49.0789, 0.3177,
0.2268

■ 99.5046, 0.3125,
0.3307

41.9993, 0.3188,
0.2053

99.5082, 0.3125,
0.3307

36.5389, 0.3197,
0.1870

99.5119, 0.3124,
0.3306

32.5695, 0.3205,
0.1726

99.5155, 0.3124,
0.3305

29.9441, 0.3210,
0.1625

99.5192, 0.3124,
0.3305

28.4857, 0.3213,
0.1567

99.5228, 0.3123,
0.3304

Harmonies

Analogous

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



95.7259, 0.3102, 0.3244



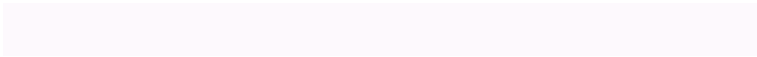
95.7259, 0.3129, 0.3252



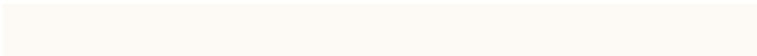
95.7259, 0.3155, 0.3271

Triad

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



95.7259, 0.3129, 0.3252



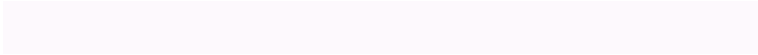
95.7259, 0.3172, 0.3333



95.7259, 0.3080, 0.3286

Complementary

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



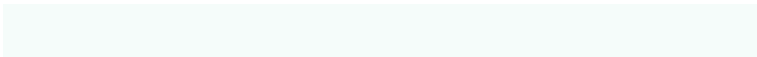
95.7259, 0.3129, 0.3252



97.2239, 0.3125, 0.3328

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.



95.7259, 0.3099, 0.3310



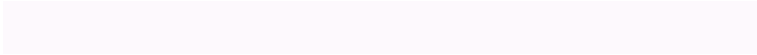
95.7259, 0.3129, 0.3252



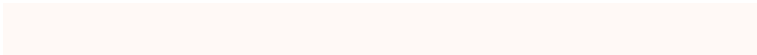
95.7259, 0.3152, 0.3337

Square

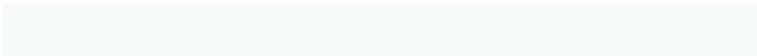
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.7259, 0.3129, 0.3252



95.7259, 0.3181, 0.3317



95.7259, 0.3125, 0.3329



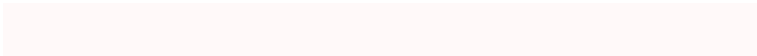
95.7259, 0.3074, 0.3263

Rectangle

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



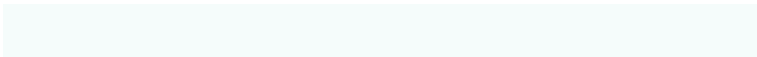
95.7259, 0.3129, 0.3252



95.7259, 0.3169, 0.3286



95.7259, 0.3125, 0.3329



95.7259, 0.3085, 0.3294

Sweetspot

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



95.7300, 0.3129, 0.3252

100.0000, 0.3127, 0.3290



94.9932, 0.3104, 0.3252



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



95.7300, 0.3129, 0.3252



96.7883, 0.3130, 0.3242



95.6047, 0.3141, 0.3271



20.7503, 0.3129, 0.3244



14.8624, 0.3215, 0.1545



1.4473, 0.3214, 0.1544

Inverse Universe

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



95.7300, 0.3129, 0.3252



96.7883, 0.3130, 0.3242



97.3479, 0.3114, 0.3309



20.7503, 0.3129, 0.3244



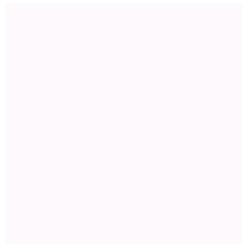
14.8624, 0.3215, 0.1545



1.4473, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 95.7259, 0.3129, 0.3252 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 95.7259, 0.3129, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

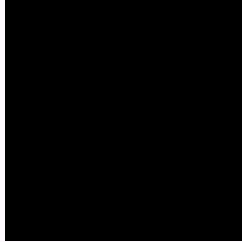
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7259, 0.3129, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 95.7259, 0.3129, 0.3252.



This preview shows how white text looks on a background with the Yxy color 95.7259, 0.3129, 0.3252.

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

95.7259, 0.3129, 0.3252

Protanopia

95.9140, 0.3135, 0.3252

Deuteranopia

95.9764, 0.3153, 0.3271

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy

Original Color

95.7259, 0.3129, 0.3252

Protanomaly

95.9140, 0.3135, 0.3252

Deuteranomaly

95.8505, 0.3141, 0.3261

Tritanomaly

95.6026, 0.3117, 0.3242

Monochromacy

Original Color

95.7259, 0.3129, 0.3252

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.0949, 0.3128, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.7259, 0.3129, 0.3252 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(253, 249, 253) looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 253)  
}
```

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(253, 249, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 253) }
```

Border

The CSS property to change the border of an element to Yxy 95.7259, 0.3129, 0.3252 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(253, 249, 253) }
```

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

```
.border{ border-color:rgb(253, 249, 253) }
```

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

Here you see how a box with a 4 pixel rgb(253, 249, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
253) }
```

Background

The CSS property to change the background color of an element to Yxy 95.7259, 0.3129, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 253) }
```

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

```
.background{ background-color: rgb(253,  
249, 253) }
```

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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