

Converting Colors

$Yxy(95.8868, 0.3119, 0.3266)$

Have a look what the booklet for
Yxy(95.8868, 0.3119, 0.3266)
contains.

Yxy(95.9087, 0.3122, 0.3271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(95.9087, 0.3122, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAFC
RGB	251, 250, 252
RGB Percent	98%, 98%, 99%
CMY	0.0156, 0.0196, 0.0119
CMYK	0.00, 0.01, 0.00, 0.01
HSL	271°, 25%, 98%
HSV	271°, 1%, 99%
XYZ	91.5399, 95.9087, 105.7605
YIQ	250.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

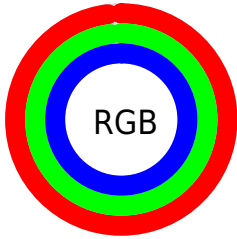
Format	Color
R _Y B	251, 250, 252
Decimal	16513788
CIE Lab	98.40, 0.69, -0.84
CIE LCh	98, 1.081, 309.438
Yxy	95.9087, 0.3122, 0.3271
Android (android.graphics.Color)	4294703868 (0xFFFBFAFC)
YUV	250.5270, 0.7262, 0.4148
Hunter-Lab	97.9330, -4.5353, 4.5242

Details

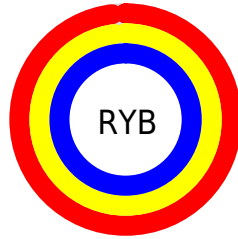
The Yxy color 95.9087, 0.3122, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.0101, 0.3132, 0.3309, and the grayscale version is 96.0537, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1258, 0.3128, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 79.0766, 0.3050, 0.3017, and if you desaturate by 10%, it is 99.8067, 0.3145, 0.3319.

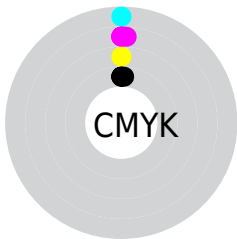
Distribution



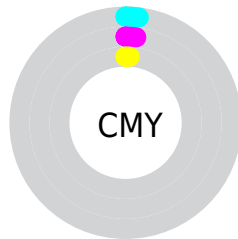
- Red (98%)
- Green (98%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9087, 0.3122, 0.3271 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 95.9087, 0.3122, 0.3271 by changing the saturation by 10% instead.

 95.9087, 0.3122,
0.3271

 95.9087, 0.3122,
0.3271


547.0700, 0.3124,
0.3279

 72.8915, 0.3121,
0.3269


155.5194, 0.3123,
0.3274

 53.8873, 0.3121,
0.3267


192.8817, 0.3123,
0.3275

 38.5115, 0.3120,
0.3264


235.7945, 0.3123,
0.3276

 26.3799, 0.3119,
0.3261

284.6423, 0.3124,
0.3277

 17.1081, 0.3118,
0.3256

339.8093, 0.3124,
0.3278

 10.3116, 0.3116,
0.3250

401.6800, 0.3124,

 5.6060, 0.3114,

0.3278

0.3241

470.6388, 0.3124,
0.3279

■ 2.6070, 0.3110,
0.3227

■ 0.9302, 0.3102,
0.3201

■ 95.9087, 0.3122,
0.3271

■ 95.9087, 0.3122,
0.3271

■ 79.0766, 0.3050,
0.3017

99.8067, 0.3145,
0.3319

■ 64.3953, 0.2965,
0.2742

■ 51.7783, 0.2867,
0.2451

■ 41.1285, 0.2757,
0.2153

■ 32.3404, 0.2636,
0.1857

■ 25.2989, 0.2508,
0.1578

■ 19.8751, 0.2376,
0.1330

■ 15.9216, 0.2248,
0.1128

■ 13.2628, 0.2129,
0.0981

Harmonies

Analogous

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



95.9087, 0.3111, 0.3270



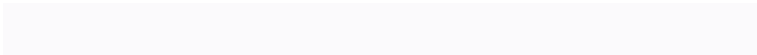
95.9087, 0.3122, 0.3271



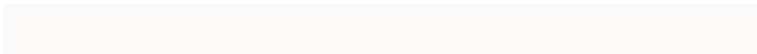
95.9087, 0.3134, 0.3277

Triad

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



95.9087, 0.3122, 0.3271



95.9087, 0.3150, 0.3306



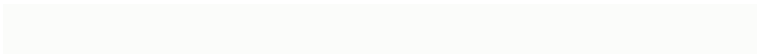
95.9087, 0.3110, 0.3294

Complementary

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



95.9087, 0.3122, 0.3271



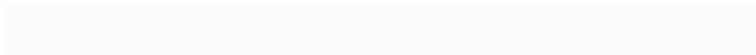
97.0101, 0.3132, 0.3309

Split Complementary

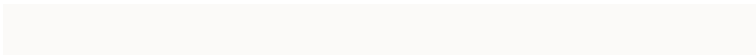
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9087, 0.3120, 0.3303



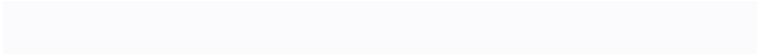
95.9087, 0.3122, 0.3271



95.9087, 0.3143, 0.3310

Square

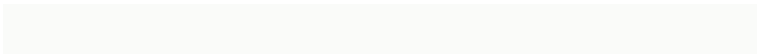
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9087, 0.3122, 0.3271



95.9087, 0.3150, 0.3297



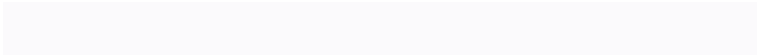
95.9087, 0.3132, 0.3310



95.9087, 0.3105, 0.3283

Rectangle

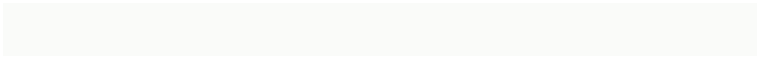
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9087, 0.3122, 0.3271



95.9087, 0.3141, 0.3283



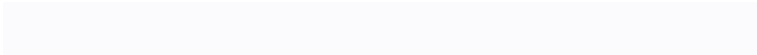
95.9087, 0.3132, 0.3310



95.9087, 0.3113, 0.3297

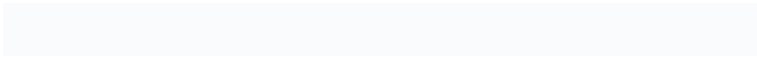
Sweetspot

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



95.9128, 0.3122, 0.3271

100.0000, 0.3127, 0.3290



96.3395, 0.3115, 0.3280



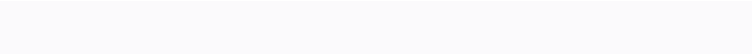
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

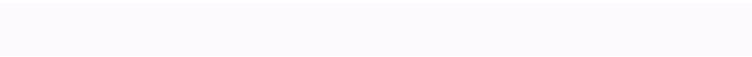
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9128, 0.3122, 0.3271



98.1487, 0.3121, 0.3266



96.0917, 0.3128, 0.3271



20.1303, 0.3121, 0.3267



6.1858, 0.2046, 0.0901



0.6360, 0.2173, 0.0971

Inverse Universe

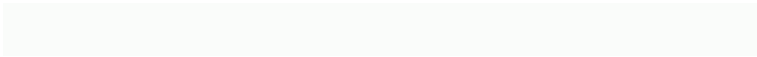
The Inverse Universe completely reimagines the original color for something new.



96.0278, 0.3134, 0.3281



98.2999, 0.3136, 0.3278



96.8322, 0.3126, 0.3309



20.1596, 0.3135, 0.3279



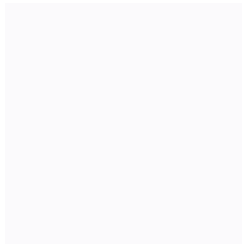
11.5533, 0.5015, 0.2536



1.0914, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 95.9087, 0.3122, 0.3271 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 95.9087, 0.3122, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

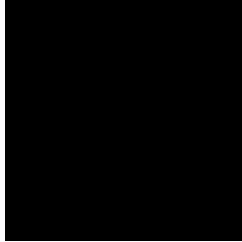
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

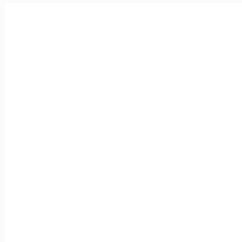
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.9087, 0.3122, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 95.9087, 0.3122, 0.3271.



This preview shows how white text looks on a background with the Yxy color 95.9087, 0.3122, 0.3271.

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

95.9087, 0.3122, 0.3271

Protanopia

95.7872, 0.3147, 0.3271

Deuteranopia

95.9764, 0.3153, 0.3271

Tritanopia

96.1004, 0.3104, 0.3242

Trichromacy

Original Color

95.9087, 0.3122, 0.3271

Protanomaly

95.5990, 0.3141, 0.3271

Deuteranomaly

95.7872, 0.3147, 0.3271

Tritanomaly

96.0362, 0.3110, 0.3252

Monochromacy

Original Color

95.9087, 0.3122, 0.3271

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4686, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9087, 0.3122, 0.3271 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(251, 250, 252) looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 252)  
}
```

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(251, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 252) }
```

Border

The CSS property to change the border of an element to Yxy 95.9087, 0.3122, 0.3271 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(251, 250, 252) }
```

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

```
.border{ border-color:rgb(251, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
252) }
```

Background

The CSS property to change the background color of an element to Yxy 95.9087, 0.3122, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 252) }
```

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

```
.background{ background-color: rgb(251,  
250, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor