

# Converting Colors

$Y_{xy}(92.1257, 0.3122, 0.3318)$

Have a look what the booklet for  
Yxy(92.1257, 0.3122, 0.3318)  
contains.

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# Color

**Yxy(92.1079, 0.3119, 0.3320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F7F4
RGB	243, 247, 244
RGB Percent	95%, 97%, 96%
CMY	0.0473, 0.0313, 0.0432
CMYK	0.02, 0.00, 0.01, 0.03
HSL	135°, 20%, 96%
HSV	135°, 2%, 97%
XYZ	86.5315, 92.1079, 98.7940
YIQ	245.4620, -1.4210, -1.7810

# Conversions

## Conversions Part 2

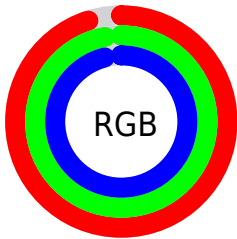
Format	Color
R <sub>Y</sub> B	243, 246, 247
Decimal	15988724
CIE Lab	96.86, -1.89, 0.97
CIE LCh	97, 2.122, 152.729
Yxy	92.1079, 0.3119, 0.3320
Android (android.graphics.Color)	4294178804 (0xFFFF3F7F4)
YUV	245.4620, -0.7208, -2.1592
Hunter-Lab	95.9729, -7.0125, 6.1481

# Details

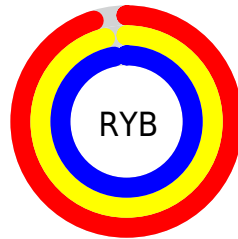
The Yxy color 92.1079, 0.3119, 0.3320 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4896, 0.3135, 0.3260, and the grayscale version is 91.7029, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4572, 0.3117, 0.3328 is the 20% darker color. If you saturate the color by 10%, you get 86.9517, 0.3070, 0.3515, and if you desaturate by 10%, it is 95.0191, 0.3131, 0.3214.

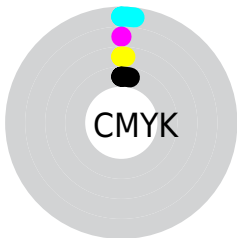
# Distribution



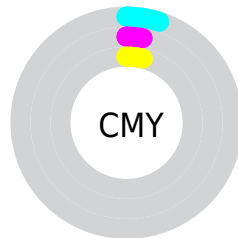
- Red (95%)
- Green (97%)
- Blue (96%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



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




- Cyan (5%)
- Magenta (3%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1079, 0.3119, 0.3320 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 92.1079, 0.3119, 0.3320 by changing the saturation by 10% instead.



 92.1079, 0.3119,  
0.3320

 92.1079, 0.3119,  
0.3320

534.8642, 0.3123,  
0.3307

 69.7303, 0.3118,  
0.3323

150.2629, 0.3120,  
0.3316

 51.3067, 0.3117,  
0.3326


186.8091, 0.3121,  
0.3314

 36.4527, 0.3116,  
0.3331


228.8469, 0.3121,  
0.3312

 24.7840, 0.3114,  
0.3336

276.7607, 0.3122,  
0.3311

 15.9162, 0.3112,  
0.3344

330.9350, 0.3122,  
0.3310

 9.4649, 0.3109,  
0.3354

391.7540, 0.3122,

 5.0456, 0.3105,

0.3309

0.3369

459.6023, 0.3122,  
0.3308

■ 2.2741, 0.3098,  
0.3394

■ 0.7599, 0.3080,  
0.3461

■ 92.1079, 0.3119,  
0.3320

■ 92.1079, 0.3119,  
0.3320

■ 86.9517, 0.3070,  
0.3515

■ 95.0191, 0.3131,  
0.3214

■ 82.4668, 0.3021,  
0.3735

■ 78.6287, 0.2974,  
0.3978

■ 75.4072, 0.2933,  
0.4244

■ 72.7692, 0.2899,  
0.4524

■ 70.6787, 0.2877,  
0.4811

■ 69.0957, 0.2868,  
0.5090

■ 67.9741, 0.2875,  
0.5348

■ 67.2595, 0.2896,  
0.5568

# Harmonies

## Analogous

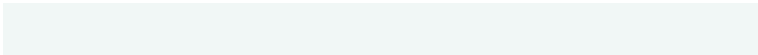
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1079, 0.3143, 0.3330



92.1079, 0.3119, 0.3320



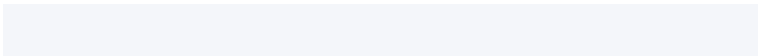
92.1079, 0.3097, 0.3302

# Triad

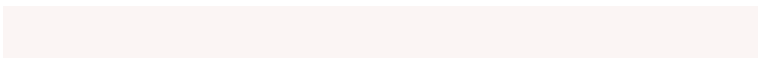
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1079, 0.3119, 0.3320



92.1079, 0.3092, 0.3251



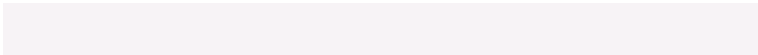
92.1079, 0.3171, 0.3300

# Complementary

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



92.1079, 0.3119, 0.3320



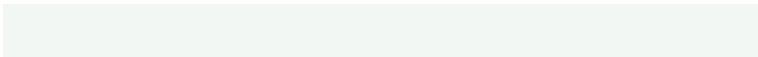
90.4896, 0.3135, 0.3260

# Split Complementary

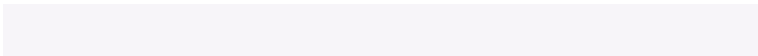
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1079, 0.3157, 0.3279



92.1079, 0.3119, 0.3320



92.1079, 0.3112, 0.3251

# Square

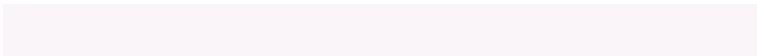
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



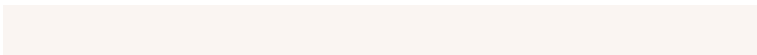
92.1079, 0.3119, 0.3320



92.1079, 0.3082, 0.3262



92.1079, 0.3135, 0.3261



92.1079, 0.3173, 0.3318

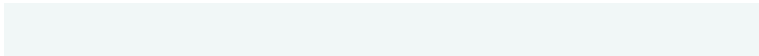


# Rectangle

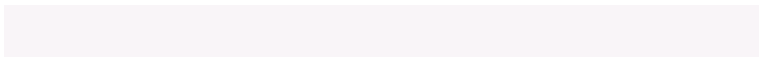
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



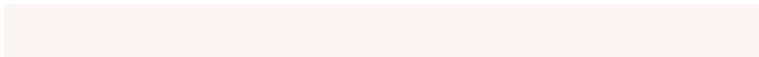
92.1079, 0.3119, 0.3320



92.1079, 0.3087, 0.3288



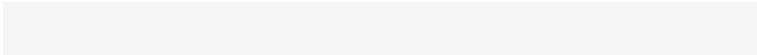
92.1079, 0.3135, 0.3261



92.1079, 0.3167, 0.3293

# Sweetspot

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



92.1119, 0.3119, 0.3320

100.0000, 0.3127, 0.3290



92.5993, 0.3145, 0.3330



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.



92.1119, 0.3119, 0.3320



98.8042, 0.3117, 0.3326



92.2350, 0.3107, 0.3300



19.3774, 0.3118, 0.3324



35.3949, 0.2914, 0.5691



3.1270, 0.2848, 0.5452



# Inverse Universe

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



90.4896, 0.3135, 0.3260



96.7046, 0.3137, 0.3254



90.3665, 0.3148, 0.3280



18.9876, 0.3137, 0.3256



12.2955, 0.3993, 0.1973

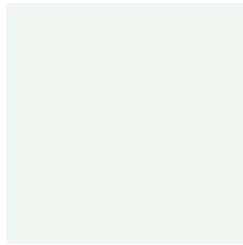


1.0973, 0.3872, 0.1907



# Previews

## White Background



This preview shows how the Yxy color 92.1079, 0.3119, 0.3320 looks on a white background.

## Color Contrast Check

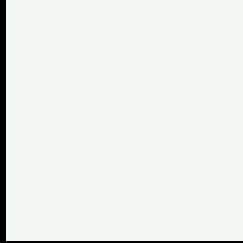
Large Text (above 18pt) WCAG AA × Fail

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 92.1079, 0.3119, 0.3320 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

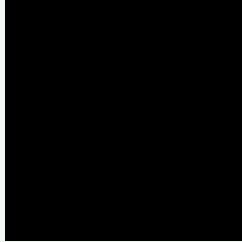
Any Text WCAG AAA ✓ Pass

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

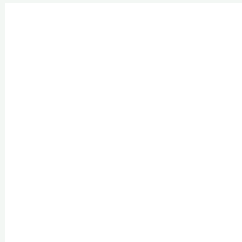


**Yxy 92.1079, 0.3119, 0.3320**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.1079, 0.3119, 0.3320.

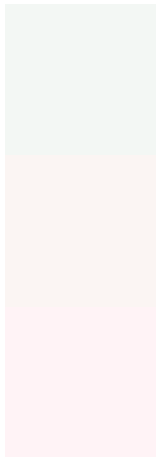


This preview shows how white text looks on a background with the Yxy color 92.1079, 0.3119, 0.3320.

# 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

92.1079, 0.3119, 0.3320

### Protanopia

92.2851, 0.3178, 0.3310

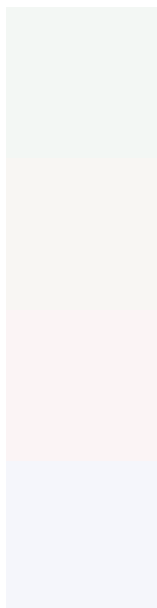
### Deuteranopia

92.0150, 0.3187, 0.3261

## **Tritanopia**

92.1176, 0.3074, 0.3193

# Trichromacy



## Original Color

92.1079, 0.3119, 0.3320

## Protanomaly

92.3391, 0.3158, 0.3320

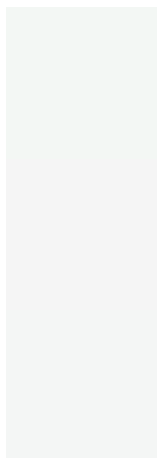
## Deuteranomaly

91.8032, 0.3166, 0.3280

## Tritanomaly

92.2890, 0.3091, 0.3241

# Monochromacy



## Original Color

92.1079, 0.3119, 0.3320

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

91.7372, 0.3120, 0.3300

# CSS Examples

## Text

The CSS property to change the color of the text to  $\text{Yxy}$  92.1079, 0.3119, 0.3320 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  $\text{rgb}(243, 247, 244)$  looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 244)  
}
```

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(243, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 244) }
```

## Border

The CSS property to change the border of an element to Yxy 92.1079, 0.3119, 0.3320 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(243, 247, 244) }
```

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

```
.border{ border-color:rgb(243, 247, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
244) }
```

# Background

The CSS property to change the background color of an element to Yxy 92.1079, 0.3119, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 244) }
```

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

```
.background{ background-color: rgb(243,  
247, 244) }
```

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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