

Converting Colors

$Yxy(89.8205, 0.3081, 0.3239)$

Have a look what the booklet for
Yxy(89.8205, 0.3081, 0.3239)
contains.

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Color

Yxy(89.6415, 0.3079, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F1F3F9
RGB	241, 243, 249
RGB Percent	95%, 95%, 98%
CMY	0.0545, 0.0472, 0.0235
CMYK	0.03, 0.02, 0.00, 0.02
HSL	226°, 40%, 96%
HSV	226°, 3%, 98%
XYZ	85.4508, 89.6415, 102.4355
YIQ	243.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

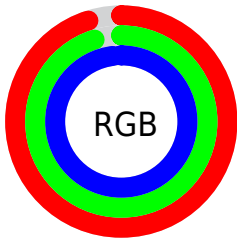
Format	Color
R _Y B	241, 243, 249
Decimal	15856633
CIE Lab	95.85, 0.47, -3.13
CIE LCh	96, 3.166, 278.533
Yxy	89.6415, 0.3079, 0.3230
Android (android.graphics.Color)	4294046713 (0xFFFF1F3F9)
YUV	243.0860, 2.9156, -1.8294
Hunter-Lab	94.6792, -4.5870, 2.1283

Details

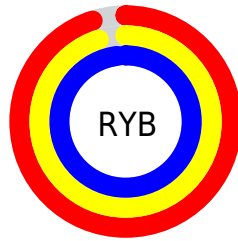
The Yxy color 89.6415, 0.3079, 0.3230 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.1053, 0.3175, 0.3349, and the grayscale version is 89.6911, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.7052, 0.3065, 0.3214 is the 20% darker color. If you saturate the color by 10%, you get 74.7740, 0.2918, 0.3025, and if you desaturate by 10%, it is 99.6207, 0.3162, 0.3347.

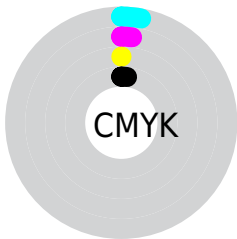
Distribution



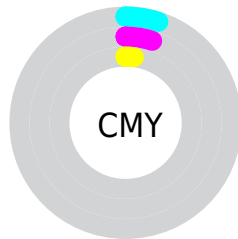
- Red (95%)
- Green (95%)
- Blue (98%)



- Red (95%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6415, 0.3079, 0.3230 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 89.6415, 0.3079, 0.3230 by changing the saturation by 10% instead.

89.6415, 0.3079,
0.3230

89.6415, 0.3079,
0.3230

526.8640, 0.3101,
0.3257

67.6833, 0.3074,
0.3224

146.8403, 0.3086,
0.3239

49.6402, 0.3068,
0.3217

182.8498, 0.3089,
0.3243

35.1276, 0.3061,
0.3208

224.3118, 0.3092,
0.3246

23.7612, 0.3052,
0.3197

271.6107, 0.3094,
0.3249

15.1565, 0.3040,
0.3182

325.1311, 0.3096,
0.3251

8.9293, 0.3023,
0.3161

385.2571, 0.3098,

4.6951, 0.2998,

0.3253

0.3130

452.3733, 0.3099,
0.3255

■ 2.0695, 0.2958,
0.3081

■ 0.6474, 0.2852,
0.2945

■ 89.6415, 0.3079,
0.3230

■ 89.6415, 0.3079,
0.3230

■ 74.7740, 0.2918,
0.3025

■ 99.6207, 0.3162,
0.3347

■ 61.6173, 0.2744,
0.2795

■ 50.1124, 0.2559,
0.2541

■ 40.1920, 0.2368,
0.2266

■ 31.7846, 0.2177,
0.1978

■ 24.8124, 0.1995,
0.1688

■ 19.1906, 0.1834,
0.1409

■ 14.8244, 0.1703,
0.1158

■ 11.6049, 0.1610,
0.0950

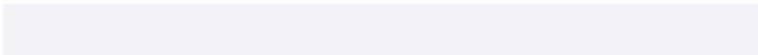
Harmonies

Analogous

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



89.6415, 0.3061, 0.3243



89.6415, 0.3079, 0.3230



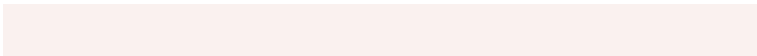
89.6415, 0.3110, 0.3233

Triad

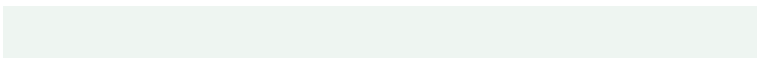
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6415, 0.3079, 0.3230



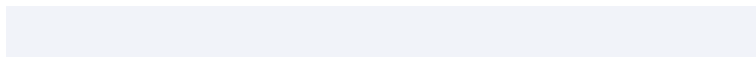
89.6415, 0.3195, 0.3310



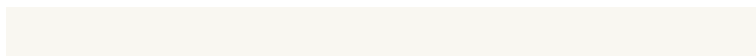
89.6415, 0.3108, 0.3331

Complementary

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



89.6415, 0.3079, 0.3230



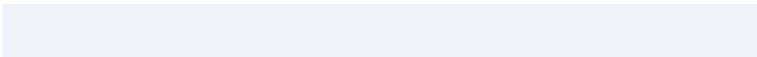
93.1053, 0.3175, 0.3349

Split Complementary

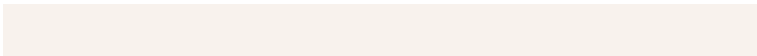
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6415, 0.3144, 0.3349



89.6415, 0.3079, 0.3230



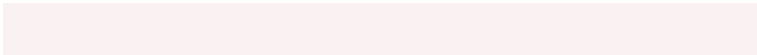
89.6415, 0.3194, 0.3337

Square

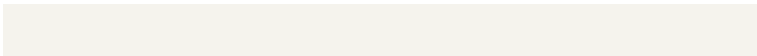
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6415, 0.3079, 0.3230



89.6415, 0.3177, 0.3279



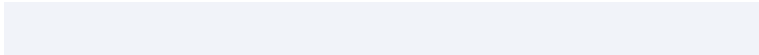
89.6415, 0.3176, 0.3351



89.6415, 0.3077, 0.3302

Rectangle

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



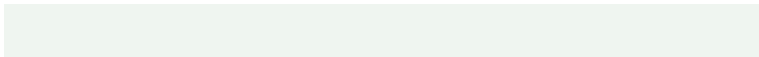
89.6415, 0.3079, 0.3230



89.6415, 0.3134, 0.3243



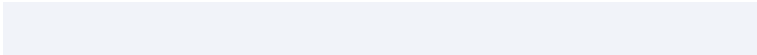
89.6415, 0.3176, 0.3351



89.6415, 0.3120, 0.3338

Sweetspot

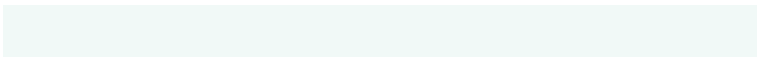
The Sweet Spot groups the original color and five complimentary colors.



89.6453, 0.3079, 0.3230



98.2852, 0.3112, 0.3271



93.1983, 0.3089, 0.3309



21.0552, 0.3113, 0.3272



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.



89.6453, 0.3079, 0.3230



93.2540, 0.3066, 0.3214



88.8756, 0.3092, 0.3212



18.8581, 0.3055, 0.3200



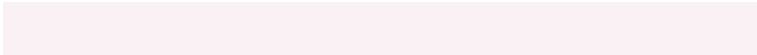
5.5235, 0.1573, 0.0861



0.6677, 0.1633, 0.1077

Inverse Universe

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



89.5796, 0.3168, 0.3272



93.1730, 0.3179, 0.3267



93.9007, 0.3161, 0.3368



18.8397, 0.3189, 0.3262



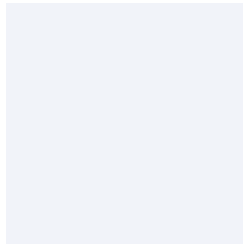
10.9685, 0.5972, 0.3063



1.0316, 0.5644, 0.2883

Previews

White Background



This preview shows how the Yxy color 89.6415, 0.3079, 0.3230 looks on a white background.

Color Contrast Check

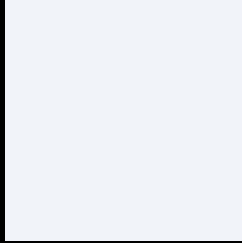
Large Text (above 18pt) WCAG AA × Fail

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 89.6415, 0.3079, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

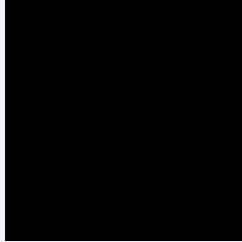
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

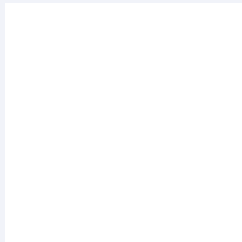
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6415, 0.3079, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 89.6415, 0.3079, 0.3230.

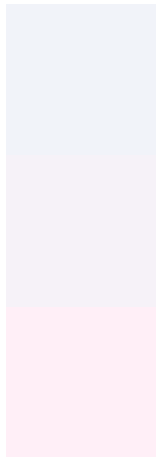


This preview shows how white text looks on a background with the Yxy color 89.6415, 0.3079, 0.3230.

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

89.6415, 0.3079, 0.3230

Protanopia

89.8744, 0.3117, 0.3231

Deuteranopia

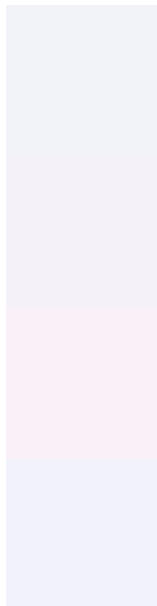
89.7084, 0.3184, 0.3213



Tritanopia

89.7789, 0.3056, 0.3162

Trichromacy



Original Color

89.6415, 0.3079, 0.3230

Protanomaly

89.5147, 0.3104, 0.3231

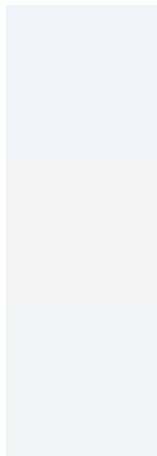
Deuteranomaly

89.4215, 0.3144, 0.3212

Tritanomaly

89.4734, 0.3062, 0.3181

Monochromacy



Original Color

89.6415, 0.3079, 0.3230

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5710, 0.3109, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6415, 0.3079, 0.3230 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(241, 243, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 249)  
}
```

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(241, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 249) }
```

Border

The CSS property to change the border of an element to Yxy 89.6415, 0.3079, 0.3230 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(241, 243, 249) }
```

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

```
.border{ border-color:rgb(241, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6415, 0.3079, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 249) }
```

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

```
.background{ background-color: rgb(241,  
243, 249) }
```

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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