

Converting Colors

Yxy(89.5081, 0.3066, 0.3230)

Have a look what the booklet for
Yxy(89.5081, 0.3066, 0.3230)
contains.

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Color

Yxy(89.2915, 0.3066, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	EFF3F9
RGB	239, 243, 249
RGB Percent	94%, 95%, 98%
CMY	0.0626, 0.0471, 0.0235
CMYK	0.04, 0.02, 0.00, 0.02
HSL	216°, 45%, 96%
HSV	216°, 4%, 98%
XYZ	84.7578, 89.2915, 102.3950
YIQ	242.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

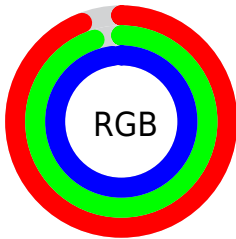
Format	Color
R _Y B	239, 242, 249
Decimal	15725561
CIE Lab	95.70, -0.21, -3.36
CIE LCh	96, 3.363, 266.417
Yxy	89.2915, 0.3066, 0.3230
Android (android.graphics.Color)	4293915641 (0xFFEFF3F9)
YUV	242.4880, 3.2104, -3.0590
Hunter-Lab	94.4942, -5.2569, 1.8986

Details

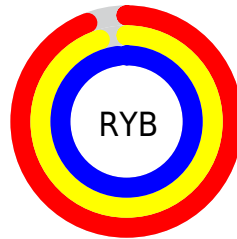
The Yxy color $89.2915, 0.3066, 0.3230$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $91.7173, 0.3189, 0.3349$, and the grayscale version is $89.1840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.4582, 0.3049, 0.3213$ is the 20% darker color. If you saturate the color by 10%, you get $76.6211, 0.2906, 0.3067$, and if you desaturate by 10%, it is $99.6200, 0.3162, 0.3347$.

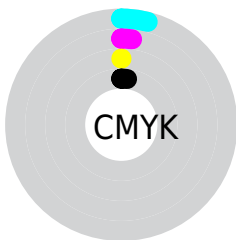
Distribution



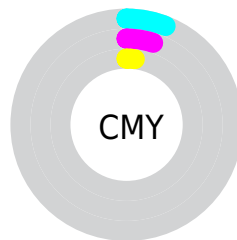
- Red (94%)
- Green (95%)
- Blue (98%)



- Red (94%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)





- Cyan (6%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2915, 0.3066, 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 89.2915, 0.3066, 0.3230 by changing the saturation by 10% instead.


 89.2915, 0.3066,
0.3230

 89.2915, 0.3066,
0.3230

525.7234, 0.3093,
0.3257

 67.3932, 0.3060,
0.3224


146.3539, 0.3075,
0.3239

 49.4042, 0.3053,
0.3217

182.2867, 0.3079,
0.3243

 34.9402, 0.3044,
0.3208


223.6665, 0.3082,
0.3246

 23.6168, 0.3032,
0.3196

270.8776, 0.3085,
0.3249

 15.0496, 0.3017,
0.3181

324.3044, 0.3087,
0.3251

 8.8542, 0.2995,
0.3160

384.3314, 0.3090,

 4.6462, 0.2964,

0.3253

0.3129

451.3430, 0.3092,
0.3255

■ 2.0412, 0.2913,
0.3079

■ 0.6313, 0.2769,
0.2939

■ 89.2915, 0.3066,
0.3230

■ 89.2915, 0.3066,
0.3230

■ 76.6211, 0.2906,
0.3067

■ 99.6200, 0.3162,
0.3347

■ 65.2391, 0.2738,
0.2885

■ 55.1052, 0.2565,
0.2685

■ 46.1725, 0.2391,
0.2468

■ 38.3909, 0.2220,
0.2239

■ 31.7061, 0.2061,
0.2002

■ 26.0586, 0.1919,
0.1766

■ 21.3817, 0.1802,
0.1540

■ 17.5974, 0.1713,
0.1333

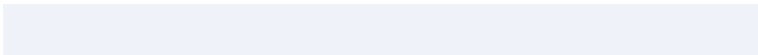
Harmonies

Analogous

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



89.2915, 0.3054, 0.3250



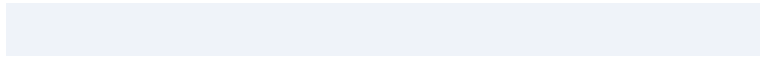
89.2915, 0.3066, 0.3230



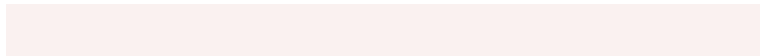
89.2915, 0.3095, 0.3226

Triad

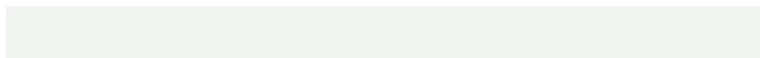
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2915, 0.3066, 0.3230



89.2915, 0.3194, 0.3298



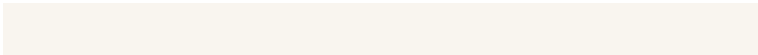
89.2915, 0.3122, 0.3343

Complementary

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



89.2915, 0.3066, 0.3230



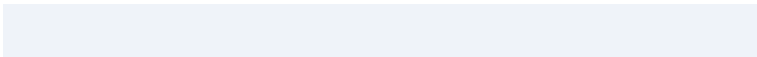
91.7173, 0.3189, 0.3349

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.



89.2915, 0.3160, 0.3355



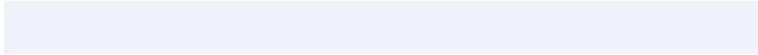
89.2915, 0.3066, 0.3230



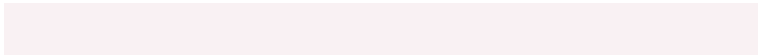
89.2915, 0.3201, 0.3329

Square

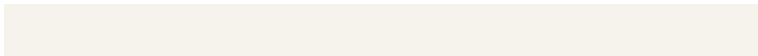
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



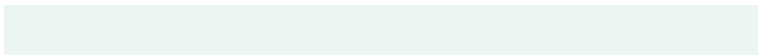
89.2915, 0.3066, 0.3230



89.2915, 0.3169, 0.3265



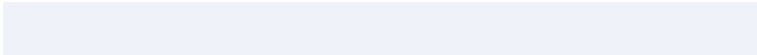
89.2915, 0.3189, 0.3351



89.2915, 0.3086, 0.3316

Rectangle

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



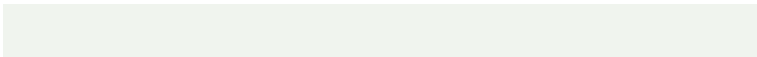
89.2915, 0.3066, 0.3230



89.2915, 0.3119, 0.3232



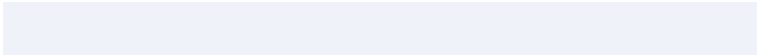
89.2915, 0.3189, 0.3351



89.2915, 0.3135, 0.3349

Sweetspot

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



89.2953, 0.3066, 0.3230



98.5411, 0.3112, 0.3275



92.7086, 0.3088, 0.3329



21.1072, 0.3113, 0.3276



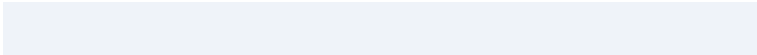
0.0000, 0.0000, 0.0000



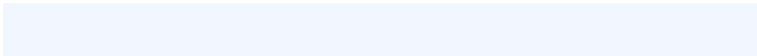
21.4041, 0.3127, 0.3290

Same Dimension

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



89.2953, 0.3066, 0.3230



92.8475, 0.3050, 0.3214



87.1324, 0.3073, 0.3191



18.8277, 0.3040, 0.3204



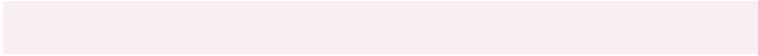
8.6608, 0.1680, 0.1249



1.0026, 0.1746, 0.1484

Inverse Universe

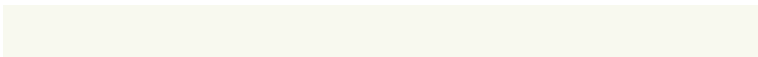
The Inverse Universe completely reimagines the original color for something new.



88.3715, 0.3169, 0.3251



91.6472, 0.3180, 0.3241



93.9491, 0.3180, 0.3388



18.5510, 0.3187, 0.3235



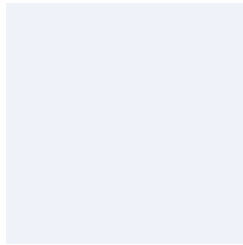
11.2852, 0.5397, 0.2747



1.0654, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 89.2915, 0.3066, 0.3230 looks on a white background.

Color Contrast Check

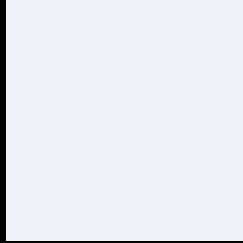
Large Text (above 18pt) WCAG AA × Fail

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 89.2915, 0.3066, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

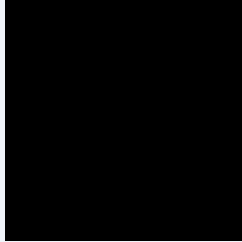
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

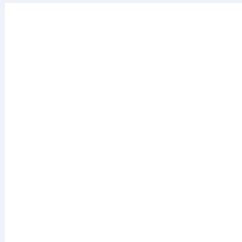
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2915, 0.3066, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 89.2915, 0.3066, 0.3230.

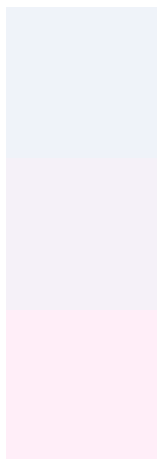


This preview shows how white text looks on a background with the Yxy color 89.2915, 0.3066, 0.3230.

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

89.2915, 0.3066, 0.3230

Protanopia

89.1004, 0.3111, 0.3221

Deuteranopia

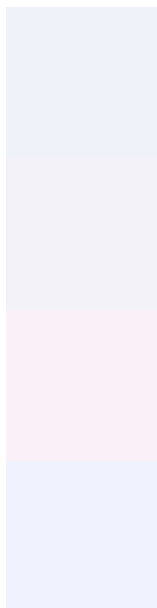
89.1864, 0.3178, 0.3193



Tritanopia

89.4250, 0.3043, 0.3162

Trichromacy



Original Color

89.2915, 0.3066, 0.3230

Protanomaly

89.3363, 0.3098, 0.3231

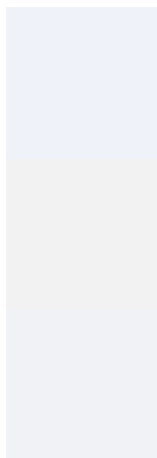
Deuteranomaly

89.2372, 0.3137, 0.3212

Tritanomaly

89.1214, 0.3049, 0.3181

Monochromacy



Original Color

89.2915, 0.3066, 0.3230

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7976, 0.3103, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2915, 0.3066, 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(239, 243, 249)` looks like.

```
.text, #text, p{  
  color:rgb(239, 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(239, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 249) }
```

Border

The CSS property to change the border of an element to Yxy 89.2915, 0.3066, 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(239, 243, 249) }
```

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

```
.border{ border-color:rgb(239, 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(239, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2915, 0.3066, 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(239, 243, 249) }
```

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

```
.background{ background-color: rgb(239,  
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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