

Converting Colors

Yxy(89.6935, 0.3061, 0.3239)

Have a look what the booklet for
Yxy(89.6935, 0.3061, 0.3239)
contains.

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Color

Yxy(89.7181, 0.3059, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4F9
RGB	238, 244, 249
RGB Percent	93%, 96%, 98%
CMY	0.0667, 0.0431, 0.0235
CMYK	0.04, 0.02, 0.00, 0.02
HSL	207°, 48%, 95%
HSV	207°, 4%, 98%
XYZ	84.7061, 89.7181, 102.4835
YIQ	242.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

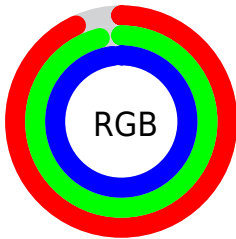
Format	Color
R _Y B	238, 242, 249
Decimal	15660281
CIE Lab	95.88, -1.07, -3.11
CIE LCh	96, 3.287, 250.933
Yxy	89.7181, 0.3059, 0.3240
Android (android.graphics.Color)	4293850361 (0xFFEEF4F9)
YUV	242.7760, 3.0684, -4.1886
Hunter-Lab	94.7196, -6.1300, 2.1539

Details

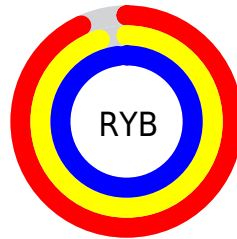
The Yxy color **89.7181, 0.3059, 0.3240** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.4060, 0.3197, 0.3339**, and the grayscale version is **89.4196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7618, 0.3041, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **79.1164, 0.2901, 0.3118**, and if you desaturate by 10%, it is **99.6203, 0.3162, 0.3347**.

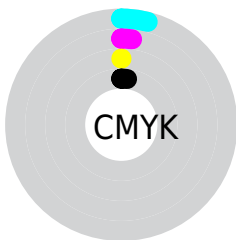
Distribution



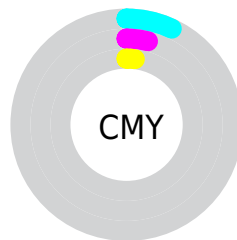
- Red (93%)
- Green (96%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



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





- Cyan (7%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.7181, 0.3059, 0.3240 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 89.7181, 0.3059, 0.3240 by changing the saturation by 10% instead.

 89.7181, 0.3059,
0.3240

 89.7181, 0.3059,
0.3240


527.1134, 0.3089,
0.3262

 67.7469, 0.3052,
0.3235


146.9468, 0.3069,
0.3248

 49.6918, 0.3044,
0.3229


182.9730, 0.3073,
0.3251

 35.1686, 0.3034,
0.3222


224.4530, 0.3077,
0.3253

 23.7928, 0.3021,
0.3212

271.7711, 0.3080,
0.3256

 15.1800, 0.3004,
0.3199

325.3119, 0.3083,
0.3258

 8.9458, 0.2981,
0.3182

385.4596, 0.3085,

 4.7058, 0.2946,

0.3259

0.3155

452.5986, 0.3087,
0.3261

■ 2.0757, 0.2890,
0.3113

■ 0.6509, 0.2731,
0.3001

■ 89.7181, 0.3059,
0.3240

■ 89.7181, 0.3059,
0.3240

■ 79.1164, 0.2901,
0.3118

■ 99.6203, 0.3162,
0.3347

■ 69.4916, 0.2740,
0.2982

■ 60.8141, 0.2579,
0.2834

■ 53.0481, 0.2421,
0.2674

■ 46.1549, 0.2271,
0.2504

■ 40.0926, 0.2133,
0.2327

■ 34.8146, 0.2014,
0.2148

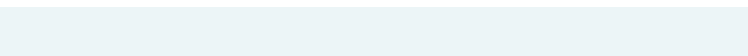
■ 30.2680, 0.1916,
0.1970

■ 26.3895, 0.1841,
0.1799

Harmonies

Analogous

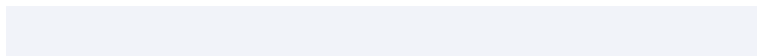
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7181, 0.3057, 0.3266



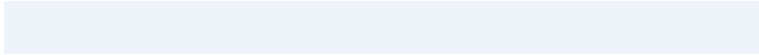
89.7181, 0.3059, 0.3240



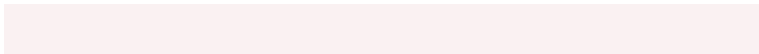
89.7181, 0.3079, 0.3227

Triad

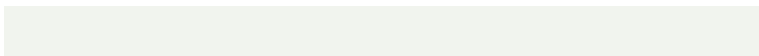
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7181, 0.3059, 0.3240



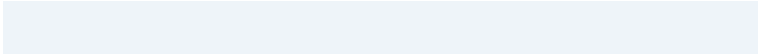
89.7181, 0.3181, 0.3281



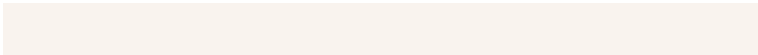
89.7181, 0.3142, 0.3350

Complementary

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



89.7181, 0.3059, 0.3240



90.4060, 0.3197, 0.3339

Split Complementary

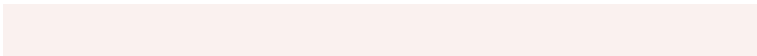
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7181, 0.3175, 0.3354



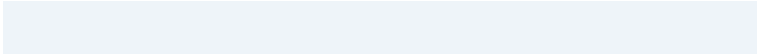
89.7181, 0.3059, 0.3240



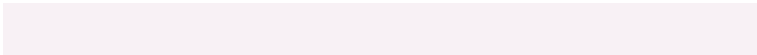
89.7181, 0.3198, 0.3313

Square

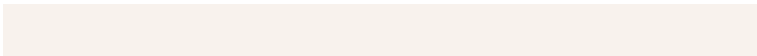
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



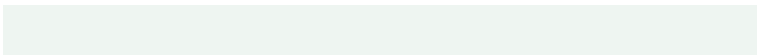
89.7181, 0.3059, 0.3240



89.7181, 0.3150, 0.3251



89.7181, 0.3196, 0.3340



89.7181, 0.3104, 0.3330

Rectangle

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



89.7181, 0.3059, 0.3240



89.7181, 0.3101, 0.3228



89.7181, 0.3196, 0.3340



89.7181, 0.3154, 0.3353

Sweetspot

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



89.7219, 0.3059, 0.3240



98.7839, 0.3112, 0.3279



92.4006, 0.3093, 0.3350



21.1567, 0.3113, 0.3279



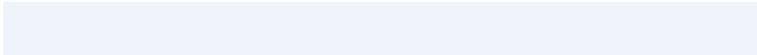
0.0000, 0.0000, 0.0000



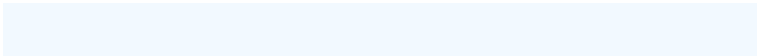
21.4041, 0.3127, 0.3290

Same Dimension

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



89.7219, 0.3059, 0.3240



94.0275, 0.3050, 0.3233



86.4753, 0.3060, 0.3185



19.1016, 0.3039, 0.3225



13.3858, 0.1815, 0.1733



1.4516, 0.1871, 0.1934

Inverse Universe

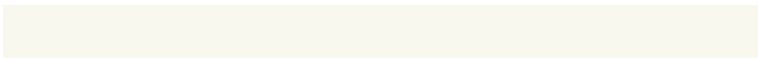
The Inverse Universe completely reimagines the original color for something new.



87.8134, 0.3163, 0.3231



91.7663, 0.3168, 0.3223



93.7321, 0.3193, 0.3393



18.5786, 0.3174, 0.3214



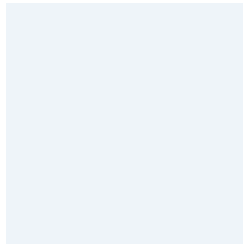
11.7622, 0.4766, 0.2399



1.1108, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 89.7181, 0.3059, 0.3240 looks on a white background.

Color Contrast Check

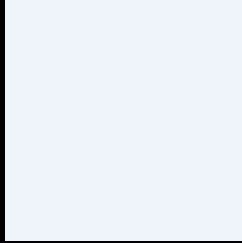
Large Text (above 18pt) WCAG AA × Fail

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 89.7181, 0.3059, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

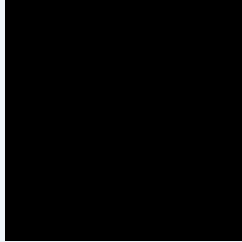
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

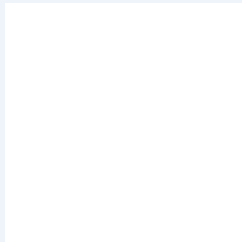
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.7181, 0.3059, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 89.7181, 0.3059, 0.3240.

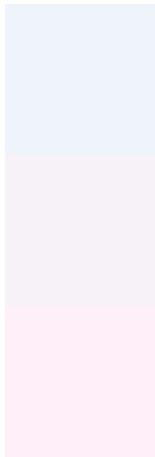


This preview shows how white text looks on a background with the Yxy color 89.7181, 0.3059, 0.3240.

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

89.7181, 0.3059, 0.3240

Protanopia

89.8744, 0.3117, 0.3231

Deuteranopia

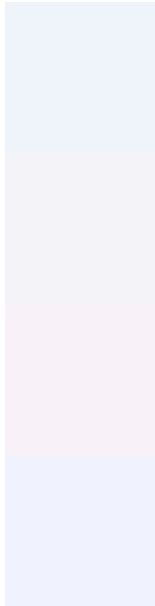
89.7703, 0.3177, 0.3203



Tritanopia

89.4250, 0.3043, 0.3162

Trichromacy



Original Color

89.7181, 0.3059, 0.3240

Protanomaly

89.9332, 0.3097, 0.3241

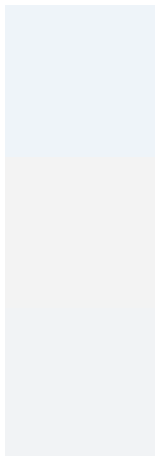
Deuteranomaly

89.8276, 0.3137, 0.3222

Tritanomaly

89.7183, 0.3049, 0.3191

Monochromacy



Original Color

89.7181, 0.3059, 0.3240

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.3945, 0.3102, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.7181, 0.3059, 0.3240 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(238, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 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(238, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 249) }
```

Border

The CSS property to change the border of an element to Yxy 89.7181, 0.3059, 0.3240 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(238, 244, 249) }
```

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

```
.border{ border-color:rgb(238, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 89.7181, 0.3059, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 249) }
```

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

```
.background{ background-color: rgb(238,  
244, 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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