

Converting Colors

$Yxy(89.5365, 0.3092, 0.3278)$

Have a look what the booklet for
Yxy(89.5365, 0.3092, 0.3278)
contains.

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Color

Yxy(89.6447, 0.3089, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EFF4F5
RGB	239, 244, 245
RGB Percent	94%, 96%, 96%
CMY	0.0628, 0.0431, 0.0392
CMYK	0.02, 0.00, 0.00, 0.04
HSL	190°, 23%, 95%
HSV	190°, 2%, 96%
XYZ	84.4245, 89.6447, 99.2378
YIQ	242.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

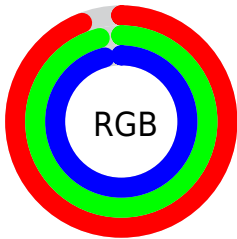
Format	Color
R_{YB}	239, 242, 245
Decimal	15725813
CIE _{Lab}	95.85, -1.48, -1.07
CIE _{LCh}	96, 1.821, 215.880
Y _{xy}	89.6447, 0.3089, 0.3280
Android (android.graphics.Color)	4293915893 (0xFFEFF4F5)
Y _{UV}	242.6190, 1.1738, -3.1739
Hunter-Lab	94.6809, -6.5276, 4.1331

Details

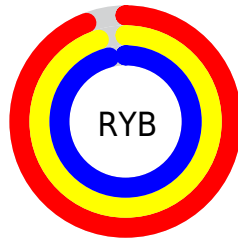
The Yxy color **89.6447, 0.3089, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9489, 0.3166, 0.3300**, and the grayscale version is **89.3025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7078, 0.3079, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **83.2714, 0.2935, 0.3237**, and if you desaturate by 10%, it is **95.0114, 0.3190, 0.3319**.

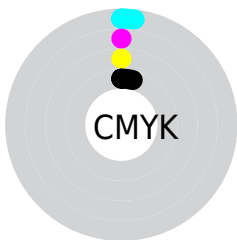
Distribution



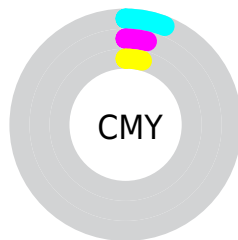
- Red (94%)
- Green (96%)
- Blue (96%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



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




- Cyan (6%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6447, 0.3089, 0.3280 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 89.6447, 0.3089, 0.3280 by changing the saturation by 10% instead.


 89.6447, 0.3089,
0.3280

 89.6447, 0.3089,
0.3280


526.8744, 0.3106,
0.3285

 67.6860, 0.3085,
0.3279

146.8448, 0.3095,
0.3282

 49.6423, 0.3081,
0.3278


182.8549, 0.3097,
0.3282

 35.1293, 0.3075,
0.3276

224.3177, 0.3099,
0.3283

 23.7625, 0.3068,
0.3274

271.6174, 0.3101,
0.3283

 15.1575, 0.3058,
0.3272

325.1386, 0.3102,
0.3284

 8.9300, 0.3045,
0.3268

385.2656, 0.3104,

 4.6956, 0.3025,

0.3284

0.3262

452.3827, 0.3105,
0.3284

■ 2.0698, 0.2994,
0.3253

■ 0.6475, 0.2888,
0.3227

■ 89.6447, 0.3089,
0.3280

■ 89.6447, 0.3089,
0.3280

■ 83.2714, 0.2935,
0.3237

■ 95.0114, 0.3190,
0.3319

■ 77.5019, 0.2786,
0.3190

■ 97.5159, 0.3187,
0.3358

■ 72.3149, 0.2645,
0.3139

■ 99.3725, 0.3185,
0.3386

■ 67.6836, 0.2515,
0.3085

■ 63.5790, 0.2399,
0.3028

■ 59.9689, 0.2300,
0.2970

■ 56.8176, 0.2220,
0.2910

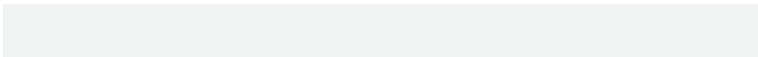
■ 54.0836, 0.2159,
0.2851

■ 51.7172, 0.2118,
0.2792

Harmonies

Analogous

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



89.6447, 0.3100, 0.3298



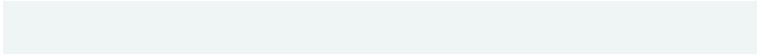
89.6447, 0.3089, 0.3280



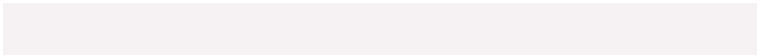
89.6447, 0.3088, 0.3264

Triad

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



89.6447, 0.3089, 0.3280



89.6447, 0.3136, 0.3266



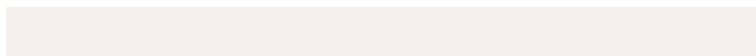
89.6447, 0.3156, 0.3325

Complementary

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



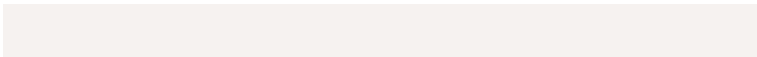
89.6447, 0.3089, 0.3280



87.9489, 0.3166, 0.3300

Split Complementary

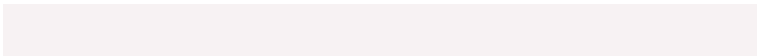
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6447, 0.3166, 0.3316



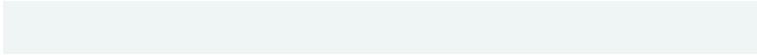
89.6447, 0.3089, 0.3280



89.6447, 0.3155, 0.3282

Square

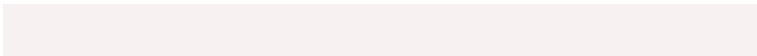
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



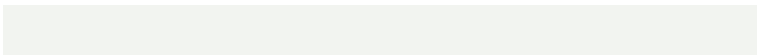
89.6447, 0.3089, 0.3280



89.6447, 0.3116, 0.3256



89.6447, 0.3166, 0.3300



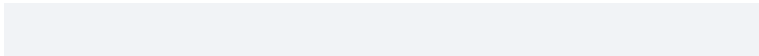
89.6447, 0.3139, 0.3324

Rectangle

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



89.6447, 0.3089, 0.3280



89.6447, 0.3094, 0.3258



89.6447, 0.3166, 0.3300



89.6447, 0.3161, 0.3323

Sweetspot

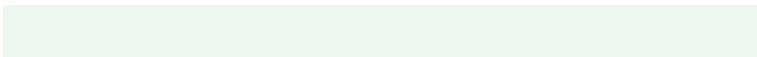
The Sweet Spot groups the original color and five complimentary colors.



89.6485, 0.3089, 0.3280



99.2523, 0.3112, 0.3286



89.9373, 0.3119, 0.3341



21.2520, 0.3112, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

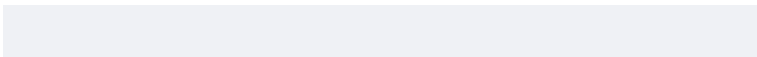
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6485, 0.3089, 0.3280



97.7779, 0.3080, 0.3278



87.9052, 0.3090, 0.3251



19.0518, 0.3068, 0.3274



27.1746, 0.2099, 0.2757



2.5093, 0.2120, 0.2831

Inverse Universe

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



87.6695, 0.3136, 0.3240



95.1350, 0.3138, 0.3229



89.6817, 0.3165, 0.3329



18.4023, 0.3141, 0.3213



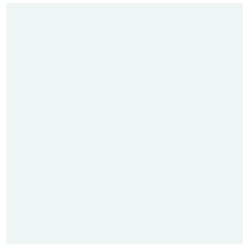
12.8427, 0.3674, 0.1798



1.1409, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 89.6447, 0.3089, 0.3280 looks on a white background.

Color Contrast Check

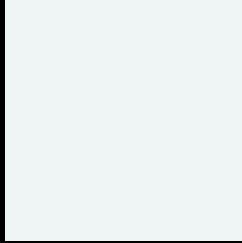
Large Text (above 18pt) WCAG AA × Fail

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 89.6447, 0.3089, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

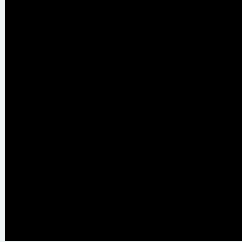
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

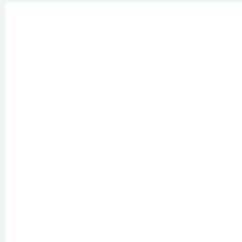
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6447, 0.3089, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 89.6447, 0.3089, 0.3280.

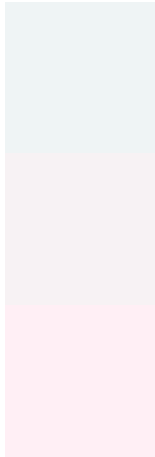


This preview shows how white text looks on a background with the Yxy color 89.6447, 0.3089, 0.3280.

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

89.6447, 0.3089, 0.3280

Protanopia

89.8101, 0.3148, 0.3270

Deuteranopia

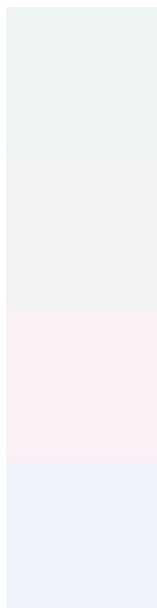
89.5856, 0.3196, 0.3232



Tritanopia

89.6015, 0.3050, 0.3162

Trichromacy



Original Color

89.6447, 0.3089, 0.3280

Protanomaly

89.8659, 0.3128, 0.3280

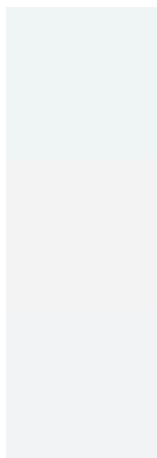
Deuteranomaly

89.6429, 0.3155, 0.3251

Tritanomaly

89.7670, 0.3067, 0.3211

Monochromacy



Original Color

89.6447, 0.3089, 0.3280

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5101, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6447, 0.3089, 0.3280 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, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 245)  
}
```

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, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 245) }
```

Border

The CSS property to change the border of an element to Yxy 89.6447, 0.3089, 0.3280 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, 244, 245) }
```

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

```
.border{ border-color:rgb(239, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6447, 0.3089, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 245) }
```

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

```
.background{ background-color: rgb(239,  
244, 245) }
```

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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