

Converting Colors

$Yxy(89.5017, 0.3132, 0.3282)$

Have a look what the booklet for
Yxy(89.5017, 0.3132, 0.3282)
contains.

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Color

Yxy(89.2084, 0.3134, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2F3
RGB	244, 242, 243
RGB Percent	96%, 95%, 95%
CMY	0.0432, 0.0510, 0.0470
CMYK	0.00, 0.01, 0.00, 0.04
HSL	330°, 8%, 95%
HSV	330°, 1%, 96%
XYZ	85.2375, 89.2084, 97.5309
YIQ	242.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

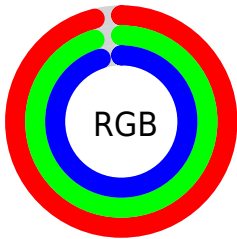
Format	Color
RYB	244, 242, 243
Decimal	16052979
CIELab	95.67, 0.85, -0.26
CIELCh	96, 0.885, 342.742
Yxy	89.2084, 0.3134, 0.3280
Android (android.graphics.Color)	4294243059 (0xFFFF4F2F3)
YUV	242.7120, 0.1420, 1.1296
Hunter-Lab	94.4502, -4.1987, 4.8913

Details

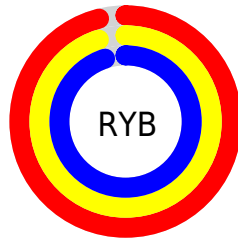
The Yxy color **89.2084, 0.3134, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.0461, 0.3120, 0.3300**, and the grayscale version is **89.3875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3970, 0.3136, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **74.9407, 0.3227, 0.3153**, and if you desaturate by 10%, it is **97.9719, 0.3060, 0.3290**.

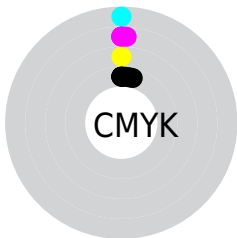
Distribution



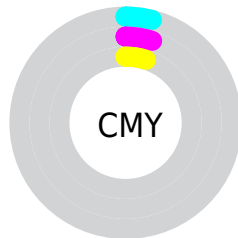
- Red (96%)
- Green (95%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.2084, 0.3134, 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 89.2084, 0.3134, 0.3280 by changing the saturation by 10% instead.

 89.2084, 0.3134,
0.3280

 89.2084, 0.3134,
0.3280

525.4524, 0.3131,
0.3285

 67.3243, 0.3135,
0.3279

146.2383, 0.3133,
0.3282

 49.3482, 0.3135,
0.3278


182.1529, 0.3133,
0.3282

 34.8958, 0.3136,
0.3276


223.5132, 0.3132,
0.3283

 23.5826, 0.3138,
0.3274

270.7034, 0.3132,
0.3283

 15.0243, 0.3139,
0.3272

324.1081, 0.3132,
0.3284

 8.8364, 0.3142,
0.3268

384.1115, 0.3131,

 4.6346, 0.3145,

0.3284

0.3263

451.0982, 0.3131,
0.3284

■ 2.0345, 0.3151,
0.3254

■ 0.6274, 0.3171,
0.3224

■ 89.2084, 0.3134,
0.3280

■ 89.2084, 0.3134,
0.3280

■ 74.9407, 0.3227,
0.3153

■ 97.9719, 0.3060,
0.3290

■ 62.5771, 0.3340,
0.3020

■ 52.0396, 0.3475,
0.2883

■ 43.2399, 0.3634,
0.2748

■ 36.0827, 0.3820,
0.2622

■ 30.4631, 0.4031,
0.2517

■ 26.2643, 0.4263,
0.2444

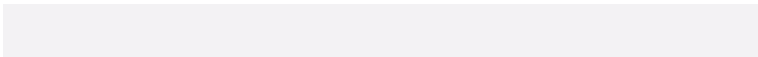
■ 23.3521, 0.4507,
0.2415

■ 21.5664, 0.4750,
0.2441

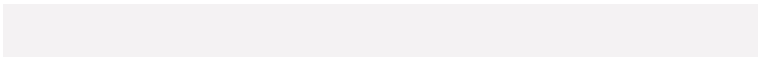
Harmonies

Analogous

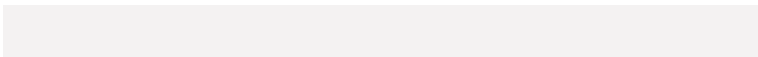
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2084, 0.3124, 0.3274



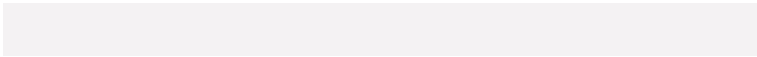
89.2084, 0.3134, 0.3280



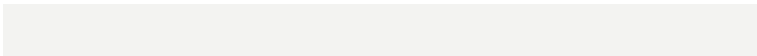
89.2084, 0.3142, 0.3288

Triad

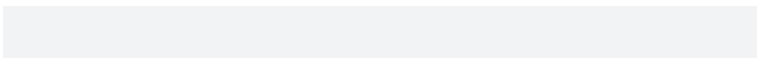
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2084, 0.3134, 0.3280



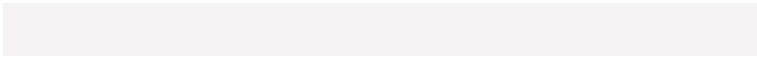
89.2084, 0.3140, 0.3307



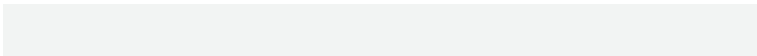
89.2084, 0.3108, 0.3283

Complementary

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



89.2084, 0.3134, 0.3280



90.0461, 0.3120, 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.



89.2084, 0.3112, 0.3292



89.2084, 0.3134, 0.3280



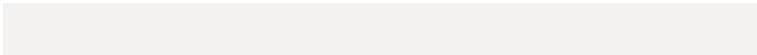
89.2084, 0.3131, 0.3306

Square

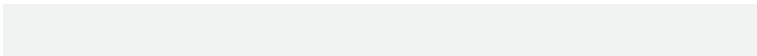
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



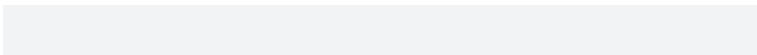
89.2084, 0.3134, 0.3280



89.2084, 0.3146, 0.3304



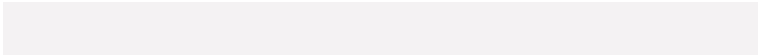
89.2084, 0.3121, 0.3300



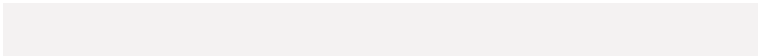
89.2084, 0.3109, 0.3276

Rectangle

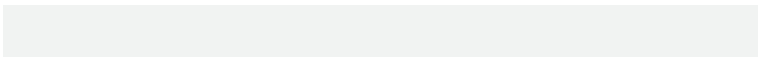
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



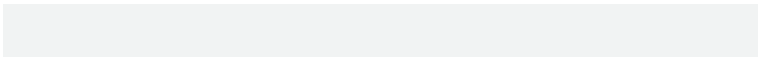
89.2084, 0.3134, 0.3280



89.2084, 0.3146, 0.3294



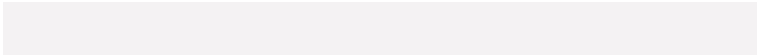
89.2084, 0.3121, 0.3300



89.2084, 0.3109, 0.3286

Sweetspot

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



89.2122, 0.3134, 0.3280

100.0000, 0.3127, 0.3290



89.0884, 0.3121, 0.3270



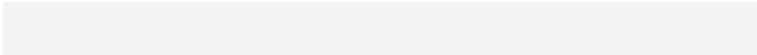
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

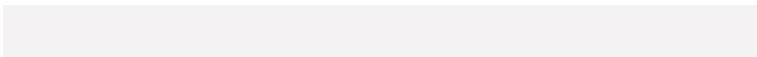
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2122, 0.3134, 0.3280



98.3031, 0.3136, 0.3278



89.1535, 0.3140, 0.3290



19.2845, 0.3135, 0.3278



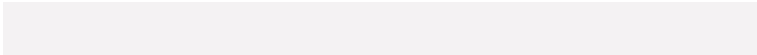
11.2741, 0.4929, 0.2489



1.0117, 0.4655, 0.2338

Inverse Universe

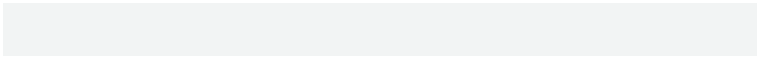
The Inverse Universe completely reimagines the original color for something new.



89.2122, 0.3134, 0.3280



98.3031, 0.3136, 0.3278



90.1052, 0.3115, 0.3290



19.2845, 0.3135, 0.3278



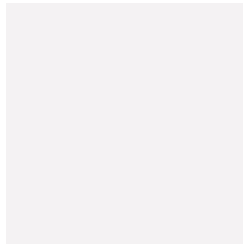
11.2741, 0.4929, 0.2489



1.0117, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 89.2084, 0.3134, 0.3280 looks on a white background.

Color Contrast Check

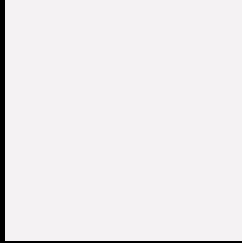
Large Text (above 18pt) WCAG AA × Fail

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 89.2084, 0.3134, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

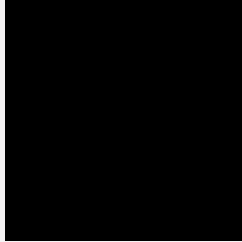
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

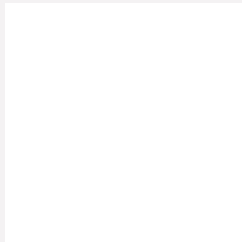
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2084, 0.3134, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 89.2084, 0.3134, 0.3280.

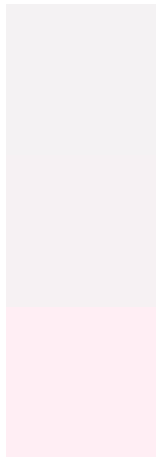


This preview shows how white text looks on a background with the Yxy color 89.2084, 0.3134, 0.3280.

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

89.2084, 0.3134, 0.3280

Protanopia

88.9745, 0.3148, 0.3270

Deuteranopia

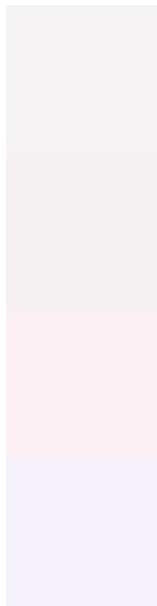
88.9407, 0.3203, 0.3232



Tritanopia

89.1330, 0.3076, 0.3143

Trichromacy



Original Color

89.2084, 0.3134, 0.3280

Protanomaly

88.7941, 0.3141, 0.3270

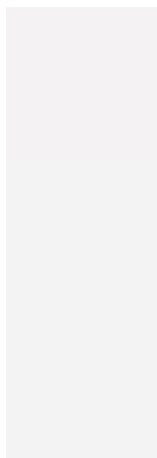
Deuteranomaly

88.7739, 0.3176, 0.3241

Tritanomaly

89.2881, 0.3093, 0.3192

Monochromacy



Original Color

89.2084, 0.3134, 0.3280

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.6269, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2084, 0.3134, 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 $rgb(244, 242, 243)$ looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 243)  
}
```

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(244, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 243) }
```

Border

The CSS property to change the border of an element to Yxy 89.2084, 0.3134, 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(244, 242, 243) }
```

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

```
.border{ border-color:rgb(244, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
243) }
```

Background

The CSS property to change the background color of an element to Yxy 89.2084, 0.3134, 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(244, 242, 243) }
```

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

```
.background{ background-color: rgb(244,  
242, 243) }
```

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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