

Converting Colors

$Yxy(88.5796, 0.3105, 0.3254)$

Have a look what the booklet for
Yxy(88.5796, 0.3105, 0.3254)
contains.

Yxy(88.2039, 0.3103, 0.3250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(88.2039, 0.3103, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	F1F1F5
RGB	241, 241, 245
RGB Percent	95%, 95%, 96%
CMY	0.0549, 0.0549, 0.0392
CMYK	0.02, 0.02, 0.00, 0.04
HSL	240°, 17%, 95%
HSV	240°, 2%, 96%
XYZ	84.2144, 88.2039, 98.9783
YIQ	241.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

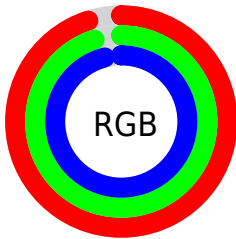
Format	Color
R _Y B	241, 241, 245
Decimal	15856117
CIE _{Lab}	95.25, 0.72, -1.94
CIE _{LCh}	95, 2.067, 290.439
Y _{xy}	88.2039, 0.3103, 0.3250
Android (android.graphics.Color)	4294046197 (0xFFFF1F1F5)
Y _{UV}	241.4560, 1.7472, -0.3999
Hunter-Lab	93.9169, -4.2955, 3.2566

Details

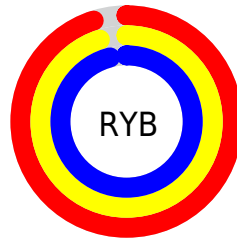
The Yxy color **88.2039, 0.3103, 0.3250** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.0747, 0.3151, 0.3330**, and the grayscale version is **88.3310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6863, 0.3096, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **70.6414, 0.2943, 0.2985**, and if you desaturate by 10%, it is **99.3731, 0.3185, 0.3386**.

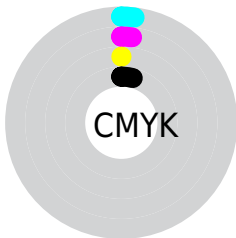
Distribution



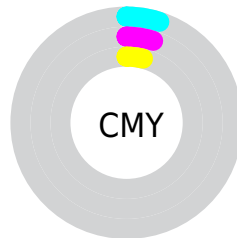
- Red (95%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2039, 0.3103, 0.3250 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 88.2039, 0.3103, 0.3250 by changing the saturation by 10% instead.

88.2039, 0.3103,
0.3250

88.2039, 0.3103,
0.3250

522.1707, 0.3114,
0.3268

66.4919, 0.3101,
0.3246

144.8410, 0.3107,
0.3256

48.6719, 0.3098,
0.3241

180.5349, 0.3108,
0.3259

34.3593, 0.3094,
0.3235

221.6583, 0.3109,
0.3261

23.1697, 0.3089,
0.3228

268.5955, 0.3111,
0.3262

14.7189, 0.3083,
0.3217

321.7310, 0.3112,
0.3264

8.6223, 0.3075,
0.3203

381.4491, 0.3112,

4.4957, 0.3062,

0.3266

0.3182

448.1342, 0.3113,
0.3267

■ 1.9545, 0.3041,
0.3148

■ 0.5808, 0.2970,
0.3028

■ 88.2039, 0.3103,
0.3250

■ 88.2039, 0.3103,
0.3250

■ 70.6414, 0.2943,
0.2985

■ 99.3731, 0.3185,
0.3386

■ 55.5046, 0.2762,
0.2685

■ 42.6904, 0.2562,
0.2354

■ 32.0839, 0.2348,
0.2001

■ 23.5606, 0.2131,
0.1642

■ 16.9833, 0.1925,
0.1302

■ 12.1987, 0.1748,
0.1008

■ 9.0305, 0.1614,
0.0787

■ 7.2667, 0.1533,
0.0653

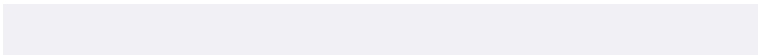
Harmonies

Analogous

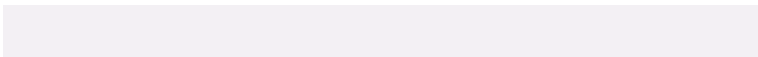
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2039, 0.3087, 0.3255



88.2039, 0.3103, 0.3250



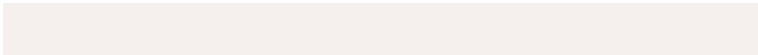
88.2039, 0.3126, 0.3256

Triad

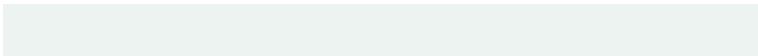
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2039, 0.3103, 0.3250



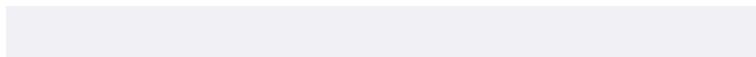
88.2039, 0.3173, 0.3311



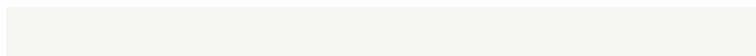
88.2039, 0.3106, 0.3310

Complementary

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



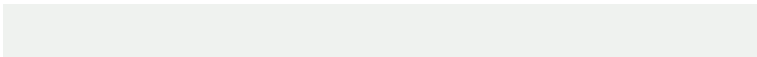
88.2039, 0.3103, 0.3250



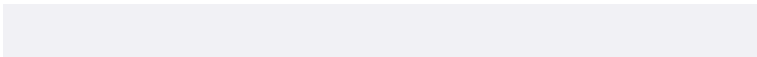
91.0747, 0.3151, 0.3330

Split Complementary

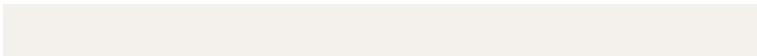
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2039, 0.3129, 0.3325



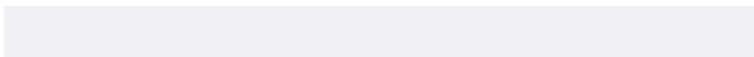
88.2039, 0.3103, 0.3250



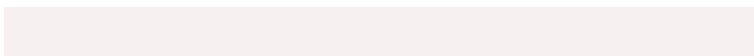
88.2039, 0.3168, 0.3326

Square

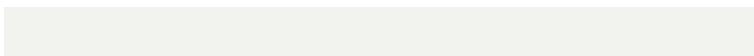
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2039, 0.3103, 0.3250



88.2039, 0.3166, 0.3291



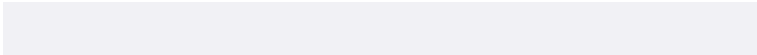
88.2039, 0.3151, 0.3331



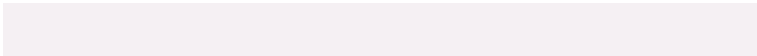
88.2039, 0.3089, 0.3289

Rectangle

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



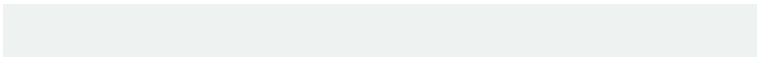
88.2039, 0.3103, 0.3250



88.2039, 0.3141, 0.3265



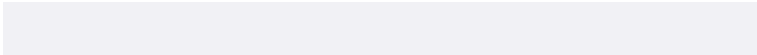
88.2039, 0.3151, 0.3331



88.2039, 0.3113, 0.3316

Sweetspot

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



88.2077, 0.3103, 0.3250

100.0000, 0.3127, 0.3290



90.6046, 0.3101, 0.3290



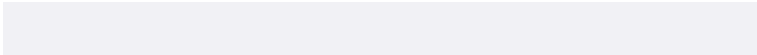
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

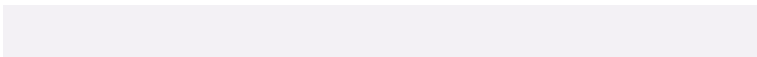
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2077, 0.3103, 0.3250



95.8353, 0.3097, 0.3241



88.5616, 0.3116, 0.3250



18.8262, 0.3099, 0.3244



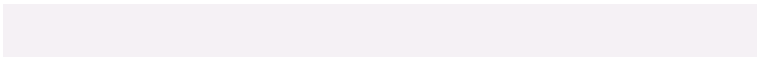
3.5524, 0.1500, 0.0600



0.3124, 0.1501, 0.0600

Inverse Universe

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



88.9197, 0.3129, 0.3250



96.7889, 0.3129, 0.3241



90.7170, 0.3138, 0.3330



19.0033, 0.3129, 0.3244



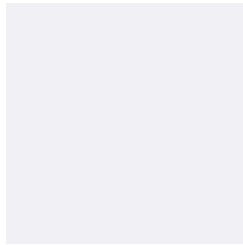
14.0040, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 88.2039, 0.3103, 0.3250 looks on a white background.

Color Contrast Check

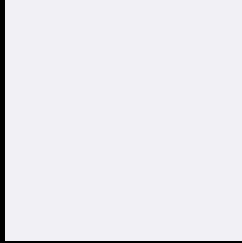
Large Text (above 18pt) WCAG AA × Fail

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 88.2039, 0.3103, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

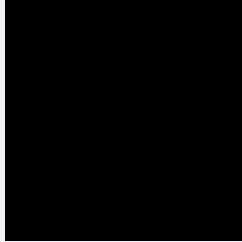
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

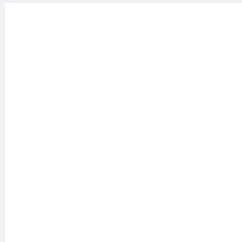
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2039, 0.3103, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 88.2039, 0.3103, 0.3250.

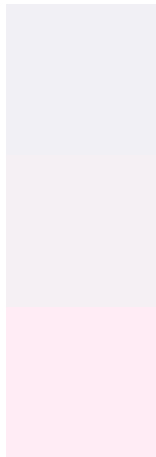


This preview shows how white text looks on a background with the Yxy color 88.2039, 0.3103, 0.3250.

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

88.2039, 0.3103, 0.3250

Protanopia

88.0849, 0.3129, 0.3250

Deuteranopia

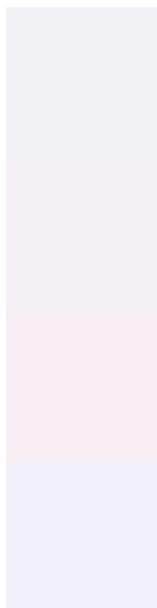
87.8435, 0.3198, 0.3203



Tritanopia

88.0077, 0.3057, 0.3132

Trichromacy



Original Color

88.2039, 0.3103, 0.3250

Protanomaly

87.9065, 0.3122, 0.3250

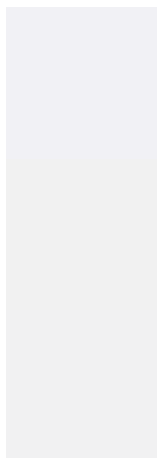
Deuteranomaly

88.0656, 0.3163, 0.3221

Tritanomaly

88.1625, 0.3074, 0.3181

Monochromacy



Original Color

88.2039, 0.3103, 0.3250

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.0222, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2039, 0.3103, 0.3250 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, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 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(241, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.2039, 0.3103, 0.3250 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, 241, 245) }
```

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

```
.border{ border-color:rgb(241, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
245) }
```

Background

The CSS property to change the background color of an element to Yxy 88.2039, 0.3103, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 245) }
```

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

```
.background{ background-color: rgb(241,  
241, 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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