

Converting Colors

$Y_{xy}(87.3310, 0.3202, 0.3276)$

Have a look what the booklet for
Yxy(87.3310, 0.3202, 0.3276)
contains.

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Color

Yxy(87.1244, 0.3202, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDEF
RGB	250, 237, 239
RGB Percent	98%, 93%, 94%
CMY	0.0193, 0.0707, 0.0627
CMYK	0.00, 0.05, 0.04, 0.02
HSL	351°, 57%, 96%
HSV	351°, 5%, 98%
XYZ	85.3126, 87.1244, 93.9984
YIQ	241.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

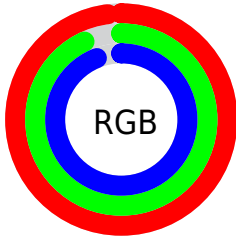
Format	Color
R _Y B	250, 237, 239
Decimal	16444911
CIE Lab	94.79, 4.76, 0.58
CIE LCh	95, 4.800, 6.970
Yxy	87.1244, 0.3202, 0.3270
Android (android.graphics.Color)	4294634991 (0xFFFAEDEF)
YUV	241.1150, -1.0427, 5.7921
Hunter-Lab	93.3405, -0.1978, 5.6304

Details

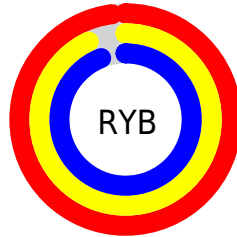
The Yxy color **87.1244, 0.3202, 0.3270** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.2027, 0.3057, 0.3310**, and the grayscale version is **88.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9360, 0.3223, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **72.4687, 0.3371, 0.3230**, and if you desaturate by 10%, it is **99.0792, 0.3097, 0.3290**.

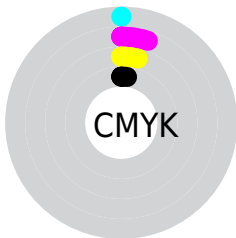
Distribution



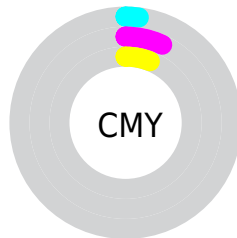
- Red (98%)
- Green (93%)
- Blue (94%)



- Red (98%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.1244, 0.3202, 0.3270 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 87.1244, 0.3202, 0.3270 by changing the saturation by 10% instead.

 87.1244, 0.3202,
0.3270

 87.1244, 0.3202,
0.3270

518.6316, 0.3168,
0.3279

 65.5982, 0.3209,
0.3268


143.3375, 0.3191,
0.3273

 47.9463, 0.3219,
0.3265


178.7932, 0.3186,
0.3274

 33.7843, 0.3230,
0.3262


219.6608, 0.3182,
0.3275

 22.7280, 0.3244,
0.3258

266.3247, 0.3179,
0.3276

 14.3928, 0.3264,
0.3253

319.1694, 0.3176,
0.3277

 8.3943, 0.3291,
0.3246

378.5791, 0.3173,

 4.3483, 0.3331,

0.3278

0.3234

444.9384, 0.3171,
0.3279

■ 1.8702, 0.3397,
0.3215

■ 0.5304, 0.3676,
0.3143

■ 87.1244, 0.3202,
0.3270

■ 87.1244, 0.3202,
0.3270

■ 72.4687, 0.3371,
0.3230

■ 99.0792, 0.3097,
0.3290

■ 59.8862, 0.3581,
0.3187

■ 49.2865, 0.3839,
0.3145

■ 40.5682, 0.4154,
0.3105

■ 33.6209, 0.4526,
0.3074

■ 28.3227, 0.4945,
0.3058

■ 24.5361, 0.5382,
0.3066

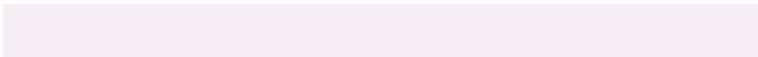
■ 22.1014, 0.5786,
0.3102

■ 20.8223, 0.6102,
0.3165

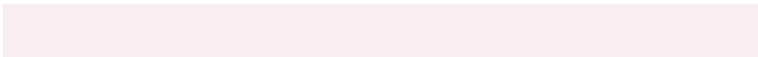
Harmonies

Analogous

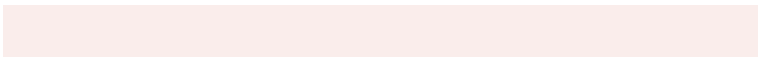
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1244, 0.3154, 0.3228



87.1244, 0.3202, 0.3270



87.1244, 0.3230, 0.3318

Triad

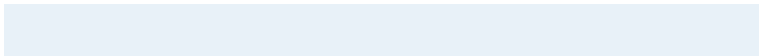
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1244, 0.3202, 0.3270



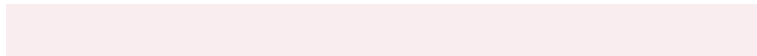
87.1244, 0.3155, 0.3381



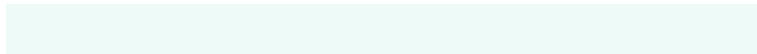
87.1244, 0.3025, 0.3220

Complementary

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



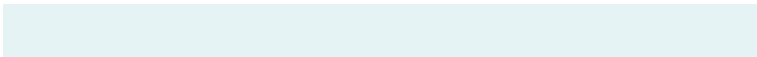
87.1244, 0.3202, 0.3270



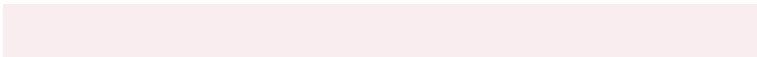
93.2027, 0.3057, 0.3310

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.



87.1244, 0.3025, 0.3261



87.1244, 0.3202, 0.3270



87.1244, 0.3100, 0.3354

Square

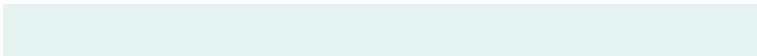
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.1244, 0.3202, 0.3270



87.1244, 0.3203, 0.3383



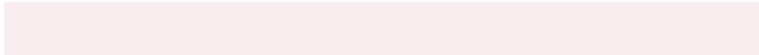
87.1244, 0.3053, 0.3310



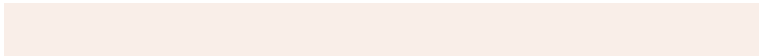
87.1244, 0.3051, 0.3199

Rectangle

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



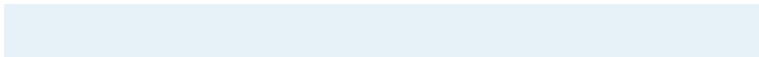
87.1244, 0.3202, 0.3270



87.1244, 0.3234, 0.3347



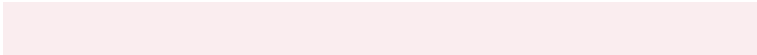
87.1244, 0.3053, 0.3310



87.1244, 0.3022, 0.3232

Sweetspot

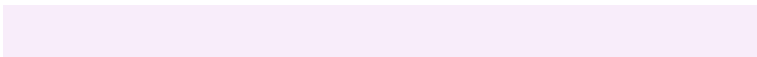
The Sweet Spot groups the original color and five complimentary colors.



87.1282, 0.3202, 0.3270



96.5150, 0.3155, 0.3282



87.4008, 0.3119, 0.3161



20.6947, 0.3153, 0.3283



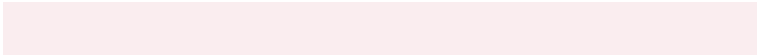
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

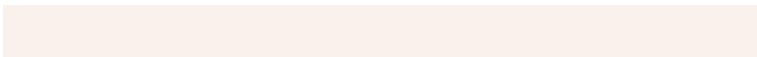
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1282, 0.3202, 0.3270



89.8198, 0.3214, 0.3267



89.5680, 0.3211, 0.3333



18.1917, 0.3224, 0.3265



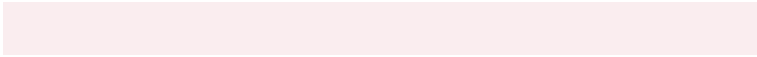
10.8715, 0.6183, 0.3180



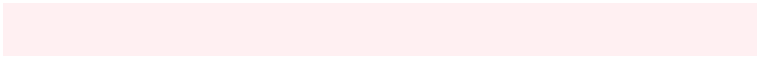
1.0194, 0.5894, 0.3021

Inverse Universe

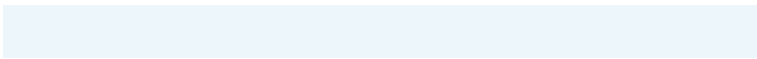
The Inverse Universe completely reimagines the original color for something new.



87.1282, 0.3202, 0.3270



89.8198, 0.3214, 0.3267



90.6458, 0.3046, 0.3246



18.1917, 0.3224, 0.3265



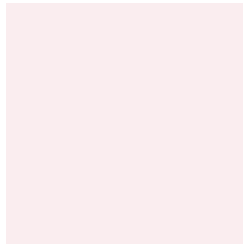
10.8715, 0.6183, 0.3180



1.0194, 0.5894, 0.3021

Previews

White Background



This preview shows how the Yxy color 87.1244, 0.3202, 0.3270 looks on a white background.

Color Contrast Check

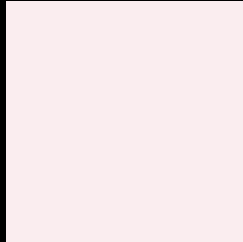
Large Text (above 18pt) WCAG AA × Fail

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 87.1244, 0.3202, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

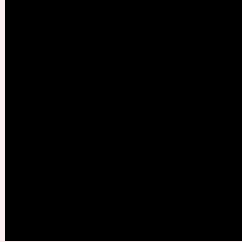
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

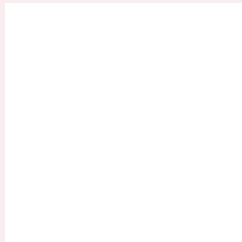
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.1244, 0.3202, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 87.1244, 0.3202, 0.3270.

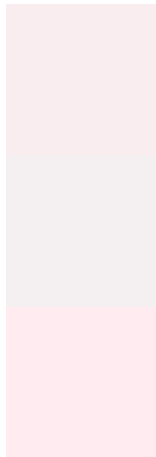


This preview shows how white text looks on a background with the Yxy color 87.1244, 0.3202, 0.3270.

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

87.1244, 0.3202, 0.3270

Protanopia

87.2574, 0.3154, 0.3280

Deuteranopia

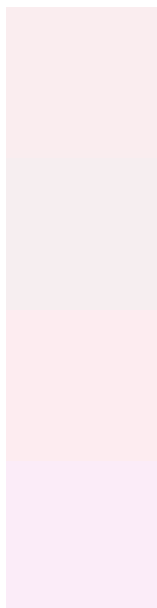
86.9679, 0.3231, 0.3241



Tritanopia

87.2040, 0.3129, 0.3115

Trichromacy



Original Color

87.1244, 0.3202, 0.3270

Protanomaly

87.0332, 0.3168, 0.3270

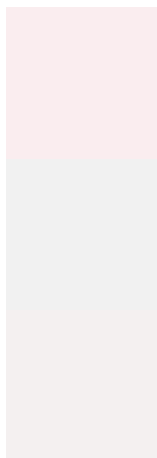
Deuteranomaly

87.1648, 0.3216, 0.3251

Tritanomaly

87.2774, 0.3153, 0.3173

Monochromacy



Original Color

87.1244, 0.3202, 0.3270

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8445, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.1244, 0.3202, 0.3270 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(250, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 239)  
}
```

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(250, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 239) }
```

Border

The CSS property to change the border of an element to Yxy 87.1244, 0.3202, 0.3270 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(250, 237, 239) }
```

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

```
.border{ border-color:rgb(250, 237, 239) }
```

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

Here you see how a box with a 4 pixel rgb(250, 237, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 87.1244, 0.3202, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 239) }
```

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

```
.background{ background-color: rgb(250,  
237, 239) }
```

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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