

Converting Colors

Yxy(85.4552, 0.3091, 0.3247)

Have a look what the booklet for
Yxy(85.4552, 0.3091, 0.3247)
contains.

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Color

Yxy(85.3927, 0.3090, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	ECEEF2
RGB	236, 238, 242
RGB Percent	93%, 93%, 95%
CMY	0.0742, 0.0667, 0.0509
CMYK	0.02, 0.02, 0.00, 0.05
HSL	221°, 19%, 94%
HSV	221°, 2%, 95%
XYZ	81.2137, 85.3927, 96.2212
YIQ	237.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

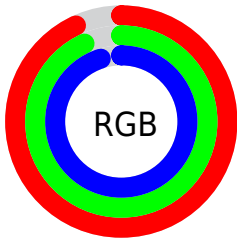
Format	Color
R _Y B	236, 238, 242
Decimal	15527666
CIE Lab	94.05, 0.10, -2.18
CIE LCh	94, 2.183, 272.584
Yxy	85.3927, 0.3090, 0.3249
Android (android.graphics.Color)	4293717746 (0xFFECEEF2)
YUV	237.8580, 2.0420, -1.6295
Hunter-Lab	92.4082, -4.8380, 2.9492

Details

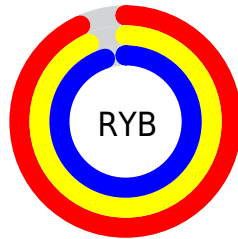
The Yxy color **85.3927, 0.3090, 0.3249** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.3277, 0.3164, 0.3331**, and the grayscale version is **85.3805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.7044, 0.3079, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **72.3919, 0.2931, 0.3069**, and if you desaturate by 10%, it is **98.8215, 0.3203, 0.3409**.

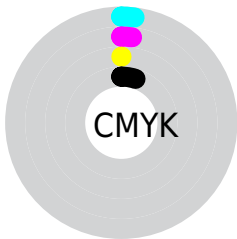
Distribution



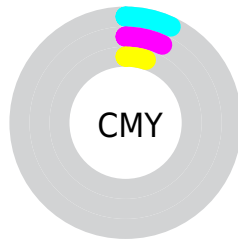
- Red (93%)
- Green (93%)
- Blue (95%)



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



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




- Cyan (7%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3927, 0.3090, 0.3249 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 85.3927, 0.3090, 0.3249 by changing the saturation by 10% instead.


 85.3927, 0.3090,
0.3249

 85.3927, 0.3090,
0.3249


512.9266, 0.3107,
0.3268

 64.1659, 0.3086,
0.3245

140.9217, 0.3096,
0.3255

 46.7851, 0.3082,
0.3240

175.9927, 0.3098,
0.3258

 32.8658, 0.3076,
0.3234


216.4472, 0.3100,
0.3260

 22.0236, 0.3069,
0.3226

262.6697, 0.3102,
0.3262

 13.8743, 0.3059,
0.3215

315.0445, 0.3103,
0.3264

 8.0333, 0.3045,
0.3200

373.9559, 0.3104,

 4.1162, 0.3025,

0.3265

0.3177

439.7885, 0.3106,
0.3266

■ 1.7388, 0.2991,
0.3140

■ 0.4486, 0.2824,
0.2955

■ 85.3927, 0.3090,
0.3249

■ 85.3927, 0.3090,
0.3249

■ 72.3919, 0.2931,
0.3069

■ 98.8215, 0.3203,
0.3409

■ 60.7769, 0.2762,
0.2867

■ 99.1920, 0.3203,
0.3415

■ 50.5032, 0.2584,
0.2644

■ 41.5196, 0.2402,
0.2402

■ 33.7717, 0.2221,
0.2145

■ 27.2005, 0.2049,
0.1882

■ 21.7418, 0.1895,
0.1622

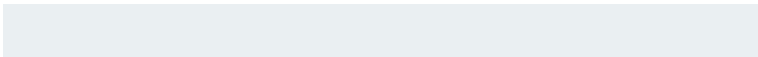
■ 17.3241, 0.1766,
0.1378

■ 13.8651, 0.1670,
0.1161

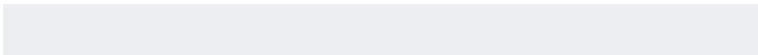
Harmonies

Analogous

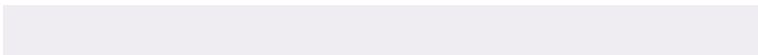
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3927, 0.3079, 0.3261



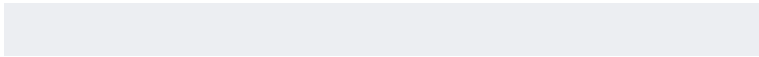
85.3927, 0.3090, 0.3249



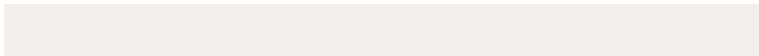
85.3927, 0.3111, 0.3248

Triad

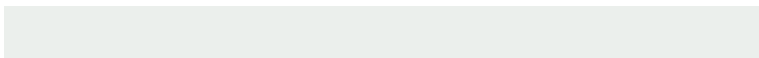
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3927, 0.3090, 0.3249



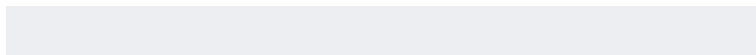
85.3927, 0.3173, 0.3300



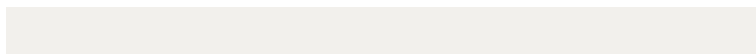
85.3927, 0.3119, 0.3322

Complementary

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



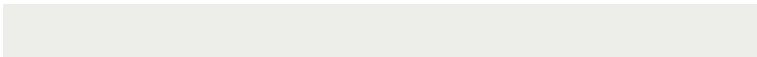
85.3927, 0.3090, 0.3249



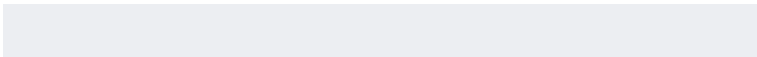
87.3277, 0.3164, 0.3331

Split Complementary

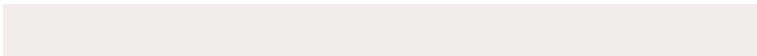
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3927, 0.3144, 0.3332



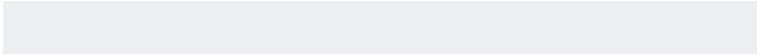
85.3927, 0.3090, 0.3249



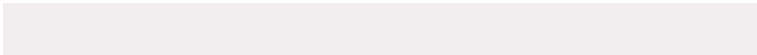
85.3927, 0.3175, 0.3320

Square

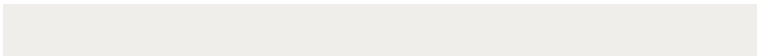
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



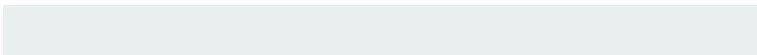
85.3927, 0.3090, 0.3249



85.3927, 0.3159, 0.3278



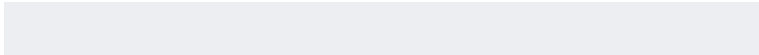
85.3927, 0.3165, 0.3332



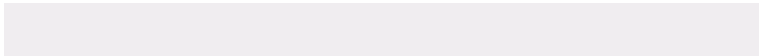
85.3927, 0.3096, 0.3303

Rectangle

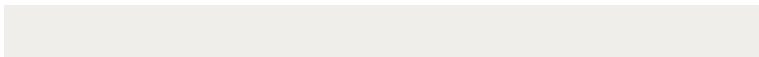
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



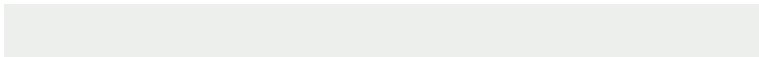
85.3927, 0.3090, 0.3249



85.3927, 0.3127, 0.3254



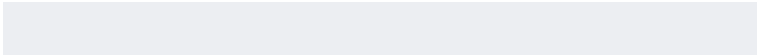
85.3927, 0.3165, 0.3332



85.3927, 0.3127, 0.3326

Sweetspot

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



85.3964, 0.3090, 0.3249



98.4196, 0.3112, 0.3273



87.6555, 0.3101, 0.3310



21.0825, 0.3113, 0.3274



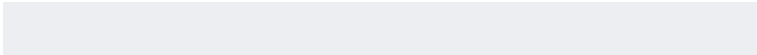
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

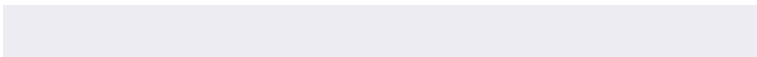
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3964, 0.3090, 0.3249



95.3078, 0.3082, 0.3240



84.4615, 0.3097, 0.3230



17.6293, 0.3070, 0.3226



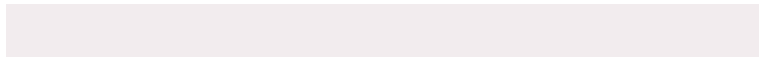
6.5630, 0.1625, 0.1049



0.7192, 0.1697, 0.1309

Inverse Universe

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



85.0865, 0.3155, 0.3271



94.8857, 0.3161, 0.3267



88.2828, 0.3157, 0.3350



17.5314, 0.3171, 0.3260



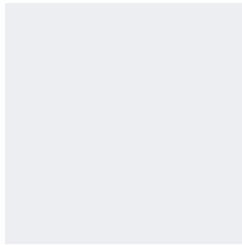
10.4559, 0.5686, 0.2906



0.8873, 0.5315, 0.2701

Previews

White Background



This preview shows how the Yxy color 85.3927, 0.3090, 0.3249 looks on a white background.

Color Contrast Check

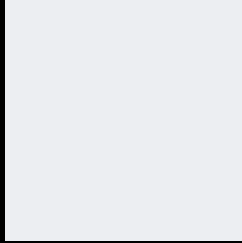
Large Text (above 18pt) WCAG AA × Fail

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 85.3927, 0.3090, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

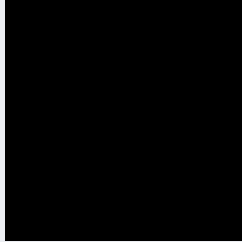
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

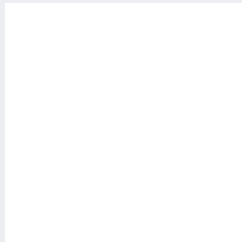
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3927, 0.3090, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 85.3927, 0.3090, 0.3249.

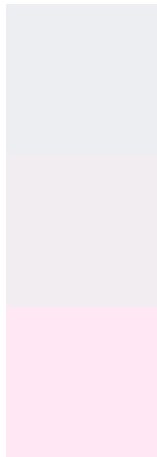


This preview shows how white text looks on a background with the Yxy color 85.3927, 0.3090, 0.3249.

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

85.3927, 0.3090, 0.3249

Protanopia

85.6200, 0.3129, 0.3250

Deuteranopia

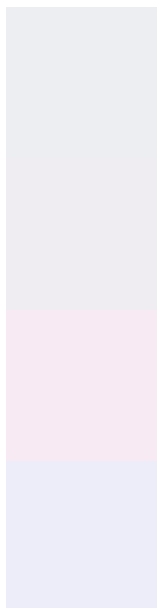
85.4443, 0.3214, 0.3183



Tritanopia

85.3880, 0.3025, 0.3101

Trichromacy



Original Color

85.3927, 0.3090, 0.3249

Protanomaly

85.2700, 0.3116, 0.3250

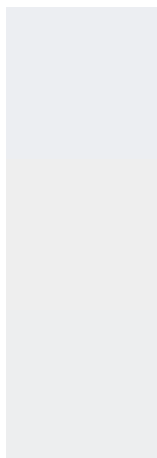
Deuteranomaly

85.2732, 0.3165, 0.3201

Tritanomaly

85.4750, 0.3048, 0.3159

Monochromacy



Original Color

85.3927, 0.3090, 0.3249

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3856, 0.3114, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3927, 0.3090, 0.3249 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(236, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 242)  
}
```

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(236, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 242) }
```

Border

The CSS property to change the border of an element to Yxy 85.3927, 0.3090, 0.3249 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(236, 238, 242) }
```

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

```
.border{ border-color:rgb(236, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3927, 0.3090, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 242) }
```

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

```
.background{ background-color: rgb(236,  
238, 242) }
```

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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