

Converting Colors

Yxy(85.6947, 0.3118, 0.3224)

Have a look what the booklet for
Yxy(85.6947, 0.3118, 0.3224)
contains.

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Color

Yxy(85.7402, 0.3117, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDF3
RGB	241, 237, 243
RGB Percent	95%, 93%, 95%
CMY	0.0548, 0.0706, 0.0471
CMYK	0.01, 0.02, 0.00, 0.05
HSL	280°, 20%, 94%
HSV	280°, 2%, 95%
XYZ	82.7406, 85.7402, 96.9687
YIQ	238.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

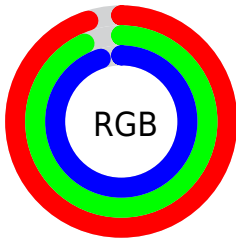
Format	Color
R _Y B	241, 237, 243
Decimal	15855091
CIE Lab	94.20, 2.41, -2.42
CIE LCh	94, 3.416, 314.896
Yxy	85.7402, 0.3117, 0.3230
Android (android.graphics.Color)	4294045171 (0xFFFF1EDF3)
YUV	238.8800, 2.0312, 1.8592
Hunter-Lab	92.5960, -2.5415, 2.7273

Details

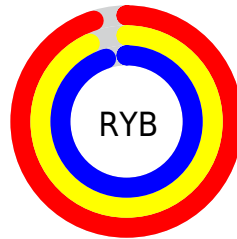
The Yxy color **85.7402, 0.3117, 0.3230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5504, 0.3137, 0.3350**, and the grayscale version is **86.2058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9499, 0.3114, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **71.2422, 0.3071, 0.2976**, and if you desaturate by 10%, it is **98.1278, 0.3159, 0.3407**.

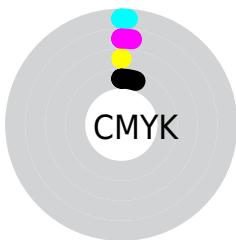
Distribution



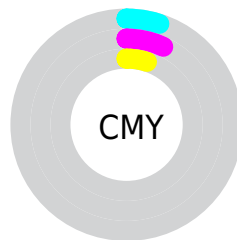
- Red (95%)
- Green (93%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7402, 0.3117, 0.3230 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 85.7402, 0.3117, 0.3230 by changing the saturation by 10% instead.


 85.7402, 0.3117,
0.3230

 85.7402, 0.3117,
0.3230

514.0742, 0.3122,
0.3257

 64.4532, 0.3116,
0.3224


141.4069, 0.3119,
0.3239

 47.0178, 0.3115,
0.3217


176.5553, 0.3119,
0.3243

 33.0497, 0.3113,
0.3208


217.0930, 0.3120,
0.3246

 22.1645, 0.3111,
0.3196

263.4044, 0.3120,
0.3249

 13.9779, 0.3108,
0.3181

315.8738, 0.3121,
0.3251

 8.1053, 0.3104,
0.3159

374.8856, 0.3121,

 4.1624, 0.3098,

0.3253

0.3127

440.8243, 0.3121,
0.3255

■ 1.7648, 0.3088,
0.3075

■ 0.4651, 0.3051,
0.2833

■ 85.7402, 0.3117,
0.3230

■ 85.7402, 0.3117,
0.3230

■ 71.2422, 0.3071,
0.2976

■ 98.1278, 0.3159,
0.3407

■ 58.6314, 0.3016,
0.2707

■ 99.2501, 0.3197,
0.3405

■ 47.8294, 0.2952,
0.2429

■ 38.7481, 0.2879,
0.2151

■ 31.2917, 0.2799,
0.1883

■ 25.3550, 0.2712,
0.1638

■ 20.8201, 0.2622,
0.1427

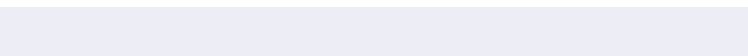
■ 17.5509, 0.2532,
0.1262

■ 15.3837, 0.2446,
0.1146

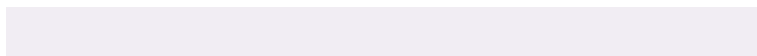
Harmonies

Analogous

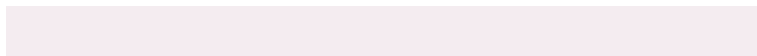
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7402, 0.3081, 0.3223



85.7402, 0.3117, 0.3230



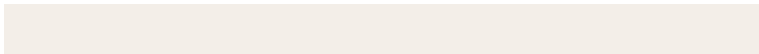
85.7402, 0.3156, 0.3252

Triad

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



85.7402, 0.3117, 0.3230



85.7402, 0.3198, 0.3346



85.7402, 0.3067, 0.3295

Complementary

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



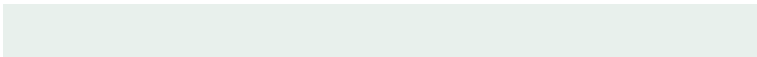
85.7402, 0.3117, 0.3230



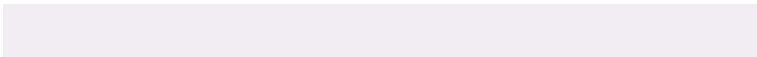
88.5504, 0.3137, 0.3350

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.



85.7402, 0.3098, 0.3328



85.7402, 0.3117, 0.3230



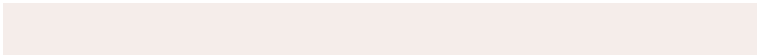
85.7402, 0.3174, 0.3358

Square

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



85.7402, 0.3117, 0.3230



85.7402, 0.3203, 0.3319



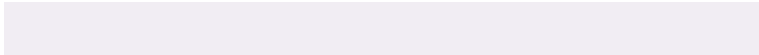
85.7402, 0.3137, 0.3351



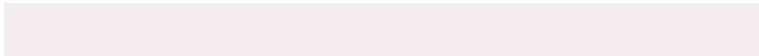
85.7402, 0.3052, 0.3261

Rectangle

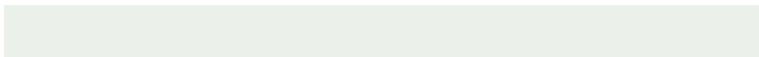
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



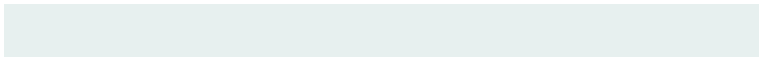
85.7402, 0.3117, 0.3230



85.7402, 0.3179, 0.3273



85.7402, 0.3137, 0.3351



85.7402, 0.3076, 0.3307

Sweetspot

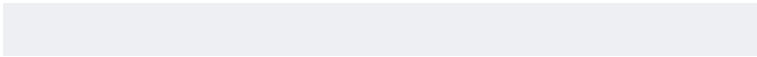
The Sweet Spot groups the original color and five complimentary colors.



85.7439, 0.3117, 0.3230



98.2256, 0.3123, 0.3266



86.2052, 0.3090, 0.3250



21.0430, 0.3123, 0.3267



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.



85.7439, 0.3117, 0.3230



94.7432, 0.3115, 0.3217



86.0309, 0.3136, 0.3240



18.3056, 0.3111, 0.3197



7.9203, 0.2396, 0.1094



0.7517, 0.2499, 0.1150

Inverse Universe

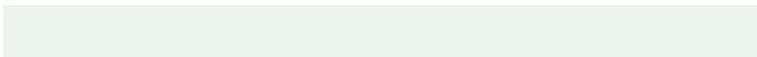
The Inverse Universe completely reimagines the original color for something new.



85.8507, 0.3155, 0.3270



94.8890, 0.3161, 0.3266



88.2693, 0.3118, 0.3340



18.3417, 0.3170, 0.3260



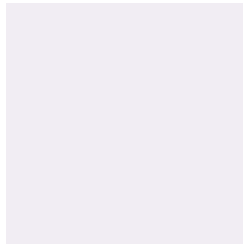
10.7952, 0.5663, 0.2893



0.9670, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 85.7402, 0.3117, 0.3230 looks on a white background.

Color Contrast Check

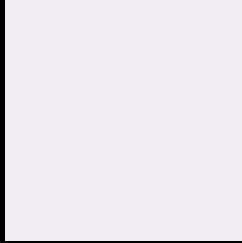
Large Text (above 18pt) WCAG AA × Fail

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 85.7402, 0.3117, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

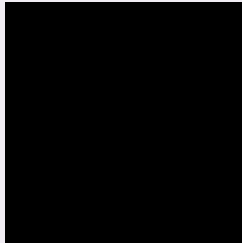
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

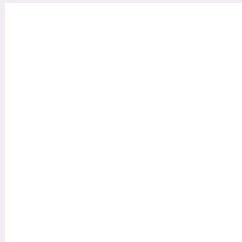
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7402, 0.3117, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 85.7402, 0.3117, 0.3230.

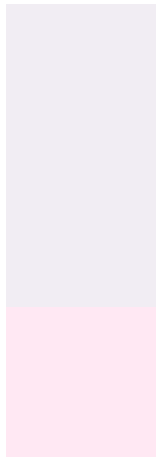


This preview shows how white text looks on a background with the Yxy color 85.7402, 0.3117, 0.3230.

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

85.7402, 0.3117, 0.3230

Protanopia

85.7402, 0.3117, 0.3230

Deuteranopia

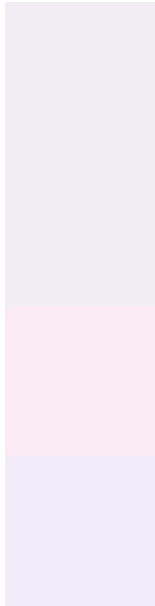
85.4443, 0.3214, 0.3183



Tritanopia

85.6271, 0.3063, 0.3102

Trichromacy



Original Color

85.7402, 0.3117, 0.3230

Protanomaly

85.7402, 0.3117, 0.3230

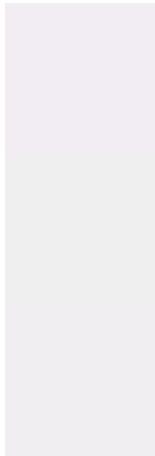
Deuteranomaly

85.6407, 0.3178, 0.3201

Tritanomaly

85.7703, 0.3081, 0.3151

Monochromacy



Original Color

85.7402, 0.3117, 0.3230

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9656, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7402, 0.3117, 0.3230 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 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(241, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 243) }
```

Border

The CSS property to change the border of an element to Yxy 85.7402, 0.3117, 0.3230 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, 237, 243) }
```

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

```
.border{ border-color:rgb(241, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7402, 0.3117, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 243) }
```

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

```
.background{ background-color: rgb(241,  
237, 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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