

Converting Colors

$Yxy(85.9244, 0.3092, 0.3135)$

Have a look what the booklet for
Yxy(85.9244, 0.3092, 0.3135)
contains.

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Color

Yxy(85.7942, 0.3095, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBFB
RGB	245, 235, 251
RGB Percent	96%, 92%, 98%
CMY	0.0391, 0.0784, 0.0157
CMYK	0.02, 0.06, 0.00, 0.02
HSL	278°, 67%, 95%
HSV	278°, 6%, 98%
XYZ	84.7807, 85.7942, 103.3530
YIQ	239.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

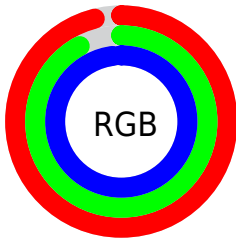
Format	Color
R_{YB}	245, 235, 251
Decimal	16116731
CIE Lab	94.22, 6.20, -6.51
CIE LCh	94, 8.994, 313.603
Yxy	85.7942, 0.3095, 0.3132
Android (android.graphics.Color)	4294306811 (0xFFF5EBFB)
YUV	239.8140, 5.5147, 4.5481
Hunter-Lab	92.6252, 1.2887, -1.3193

Details

The Yxy color 85.7942, 0.3095, 0.3132 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.6864, 0.3157, 0.3449, and the grayscale version is 86.9440, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.9991, 0.3086, 0.3088 is the 20% darker color. If you saturate the color by 10%, you get 70.7806, 0.3037, 0.2870, and if you desaturate by 10%, it is 99.6307, 0.3147, 0.3328.

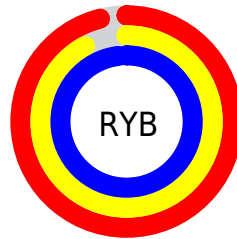
Distribution



Red (96%)

Green (92%)

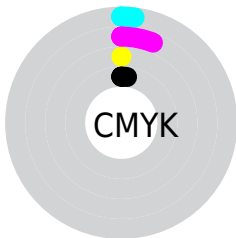
Blue (98%)



Red (96%)

Yellow (92%)

Blue (98%)

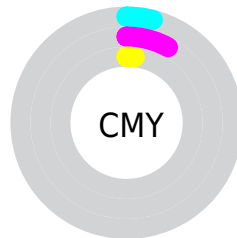


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (4%)


Magenta (8%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7942, 0.3095, 0.3132 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 85.7942, 0.3095, 0.3132 by changing the saturation by 10% instead.

 85.7942, 0.3095,
0.3132

 85.7942, 0.3095,
0.3132

514.2524, 0.3110,
0.3202

 64.4978, 0.3092,
0.3117


141.4823, 0.3100,
0.3156

 47.0540, 0.3088,
0.3098


176.6427, 0.3102,
0.3165

 33.0783, 0.3082,
0.3075


217.1933, 0.3104,
0.3173

 22.1865, 0.3076,
0.3045

263.5185, 0.3105,
0.3181

 13.9940, 0.3066,
0.3006

316.0026, 0.3107,
0.3187

 8.1165, 0.3054,
0.2952

375.0300, 0.3108,

 4.1696, 0.3034,

0.3193

0.2872

440.9851, 0.3109,
0.3198

■ 1.7689, 0.3000,
0.2745

■ 0.4677, 0.2938,
0.2306

■ 85.7942, 0.3095,
0.3132

■ 85.7942, 0.3095,
0.3132

■ 70.7806, 0.3037,
0.2870

99.6307, 0.3147,
0.3328

■ 57.7908, 0.2969,
0.2593

99.7447, 0.3150,
0.3328

■ 46.7369, 0.2890,
0.2309

■ 37.5200, 0.2802,
0.2026

■ 30.0323, 0.2706,
0.1757

■ 24.1544, 0.2605,
0.1515

■ 19.7513, 0.2503,
0.1312

■ 16.6651, 0.2402,
0.1158

■ 14.6987, 0.2308,
0.1056

Harmonies

Analogous

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



85.7942, 0.3001, 0.3116



85.7942, 0.3095, 0.3132



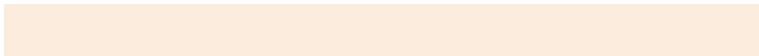
85.7942, 0.3199, 0.3189

Triad

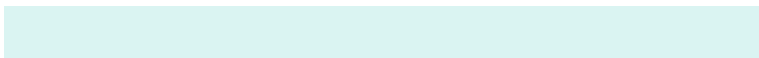
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7942, 0.3095, 0.3132



85.7942, 0.3316, 0.3433



85.7942, 0.2972, 0.3306

Complementary

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



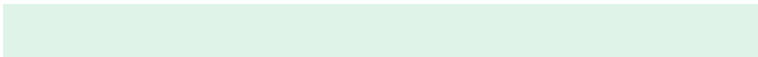
85.7942, 0.3095, 0.3132



93.6864, 0.3157, 0.3449

Split Complementary

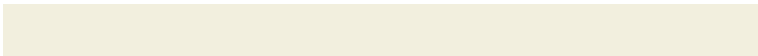
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7942, 0.3054, 0.3395



85.7942, 0.3095, 0.3132



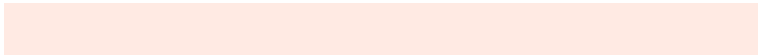
85.7942, 0.3253, 0.3468

Square

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



85.7942, 0.3095, 0.3132



85.7942, 0.3327, 0.3360



85.7942, 0.3157, 0.3455



85.7942, 0.2931, 0.3215

Rectangle

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



85.7942, 0.3095, 0.3132



85.7942, 0.3259, 0.3242



85.7942, 0.3157, 0.3455



85.7942, 0.2996, 0.3338

Sweetspot

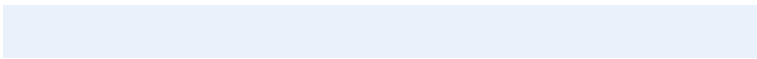
The Sweet Spot groups the original color and five complimentary colors.



85.7979, 0.3095, 0.3132



96.4294, 0.3117, 0.3241



87.6160, 0.3029, 0.3191



20.6773, 0.3118, 0.3244



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.



85.7979, 0.3095, 0.3132



86.2506, 0.3086, 0.3090



86.7733, 0.3146, 0.3152



17.1816, 0.3078, 0.3052



7.5258, 0.2289, 0.1035



0.7575, 0.2398, 0.1095

Inverse Universe

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



86.2752, 0.3197, 0.3231



86.8721, 0.3217, 0.3216



92.7603, 0.3109, 0.3432



17.3325, 0.3235, 0.3202



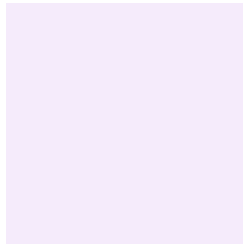
11.2292, 0.5488, 0.2797



1.0598, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 85.7942, 0.3095, 0.3132 looks on a white background.

Color Contrast Check

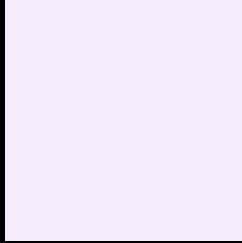
Large Text (above 18pt) WCAG AA × Fail

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 85.7942, 0.3095, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

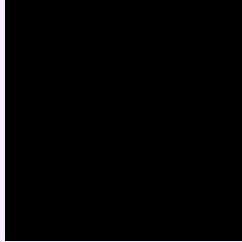
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

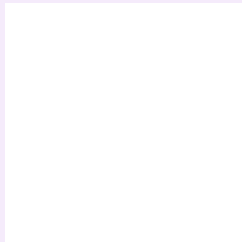
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7942, 0.3095, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 85.7942, 0.3095, 0.3132.



This preview shows how white text looks on a background with the Yxy color 85.7942, 0.3095, 0.3132.

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

85.7942, 0.3095, 0.3132

Protanopia

85.9474, 0.3049, 0.3140

Deuteranopia

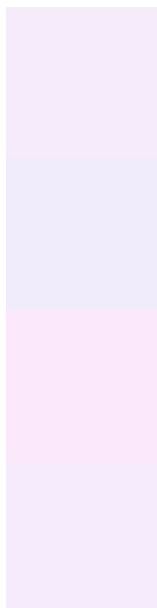
85.9383, 0.3163, 0.3106



Tritanopia

85.9210, 0.3083, 0.3113

Trichromacy



Original Color

85.7942, 0.3095, 0.3132

Protanomaly

85.7200, 0.3062, 0.3131

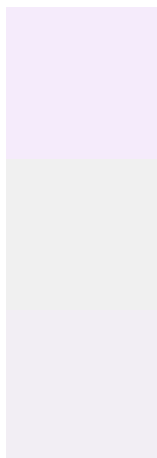
Deuteranomaly

85.7521, 0.3135, 0.3114

Tritanomaly

85.8574, 0.3089, 0.3122

Monochromacy



Original Color

85.7942, 0.3095, 0.3132

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.5580, 0.3117, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7942, 0.3095, 0.3132 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(245, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 251)  
}
```

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(245, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 251) }
```

Border

The CSS property to change the border of an element to Yxy 85.7942, 0.3095, 0.3132 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(245, 235, 251) }
```

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

```
.border{ border-color:rgb(245, 235, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7942, 0.3095, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 251) }
```

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

```
.background{ background-color: rgb(245,  
235, 251) }
```

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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