

Converting Colors

Yxy(85.4899, 0.3099, 0.3108)

Have a look what the booklet for
Yxy(85.4899, 0.3099, 0.3108)
contains.

Yxy(85.6481, 0.3102, 0.3113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.6481, 0.3102, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	F7EAFC
RGB	247, 234, 252
RGB Percent	97%, 92%, 99%
CMY	0.0315, 0.0823, 0.0117
CMYK	0.02, 0.07, 0.00, 0.01
HSL	283°, 75%, 95%
HSV	283°, 7%, 99%
XYZ	85.3455, 85.6481, 104.1369
YIQ	239.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

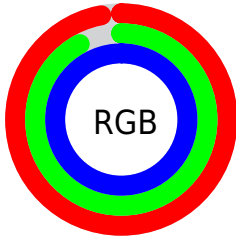
Format	Color
R _Y B	247, 234, 252
Decimal	16247548
CIE Lab	94.16, 7.54, -7.12
CIE LCh	94, 10.368, 316.651
Yxy	85.6481, 0.3102, 0.3113
Android (android.graphics.Color)	4294437628 (0xFF7EAFC)
YUV	239.9390, 5.9461, 6.1925
Hunter-Lab	92.5463, 2.6554, -1.9332

Details

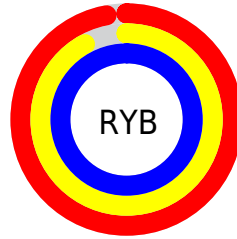
The Yxy color **85.6481, 0.3102, 0.3113** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.9283, 0.3150, 0.3470**, and the grayscale version is **87.0392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8573, 0.3103, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **71.0496, 0.3061, 0.2852**, and if you desaturate by 10%, it is **99.6248, 0.3138, 0.3319**.

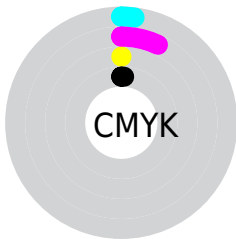
Distribution



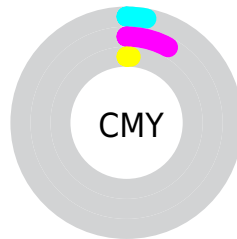
- Red (97%)
- Green (92%)
- Blue (99%)



- Red (97%)
- Yellow (92%)
- Blue (99%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)




- Cyan (3%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.6481, 0.3102, 0.3113 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 85.6481, 0.3102, 0.3113 by changing the saturation by 10% instead.


 85.6481, 0.3102,
0.3113

 85.6481, 0.3102,
0.3113


513.7702, 0.3114,
0.3192

 64.3770, 0.3099,
0.3096

141.2783, 0.3106,
0.3140

 46.9561, 0.3096,
0.3075


176.4062, 0.3108,
0.3150

 33.0010, 0.3092,
0.3049


216.9219, 0.3109,
0.3159

 22.1272, 0.3086,
0.3016

263.2097, 0.3110,
0.3167

 13.9504, 0.3079,
0.2972

315.6540, 0.3111,
0.3175

 8.0862, 0.3068,
0.2912

374.6393, 0.3112,

 4.1501, 0.3051,

0.3181

0.2825

440.5499, 0.3113,
0.3187

■ 1.7579, 0.3021,
0.2684

■ 0.4607, 0.2987,
0.2213

■ 85.6481, 0.3102,
0.3113

■ 85.6481, 0.3102,
0.3113

■ 71.0496, 0.3061,
0.2852

99.6248, 0.3138,
0.3319

■ 58.4506, 0.3012,
0.2581

99.8090, 0.3144,
0.3318

■ 47.7624, 0.2955,
0.2307

■ 38.8853, 0.2891,
0.2039

■ 31.7106, 0.2820,
0.1788

■ 26.1173, 0.2745,
0.1568

■ 21.9686, 0.2668,
0.1387

■ 19.1034, 0.2592,
0.1254

■ 17.3151, 0.2519,
0.1169

Harmonies

Analogous

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



85.6481, 0.2992, 0.3089



85.6481, 0.3102, 0.3113



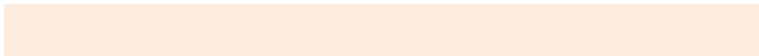
85.6481, 0.3221, 0.3182

Triad

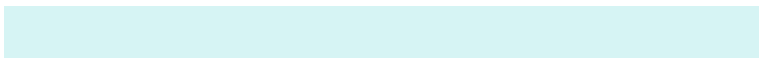
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6481, 0.3102, 0.3113



85.6481, 0.3340, 0.3461



85.6481, 0.2941, 0.3297

Complementary

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



85.6481, 0.3102, 0.3113



93.9283, 0.3150, 0.3470

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.



85.6481, 0.3032, 0.3402



85.6481, 0.3102, 0.3113



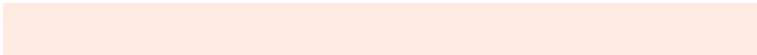
85.6481, 0.3262, 0.3497

Square

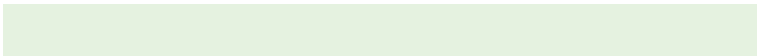
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



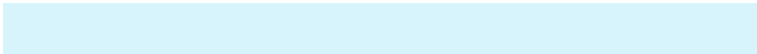
85.6481, 0.3102, 0.3113



85.6481, 0.3360, 0.3381



85.6481, 0.3149, 0.3476



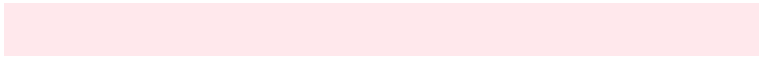
85.6481, 0.2900, 0.3193

Rectangle

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



85.6481, 0.3102, 0.3113



85.6481, 0.3289, 0.3245



85.6481, 0.3149, 0.3476



85.6481, 0.2967, 0.3334

Sweetspot

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



85.6518, 0.3102, 0.3113



96.5194, 0.3120, 0.3241



86.3226, 0.3017, 0.3160



20.6956, 0.3121, 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.



85.6518, 0.3102, 0.3113



85.0237, 0.3095, 0.3066



86.3350, 0.3160, 0.3152



17.2662, 0.3093, 0.3053



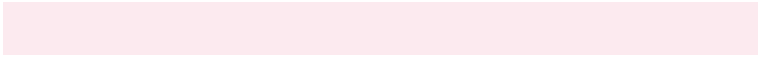
8.8868, 0.2510, 0.1156



0.8762, 0.2596, 0.1204

Inverse Universe

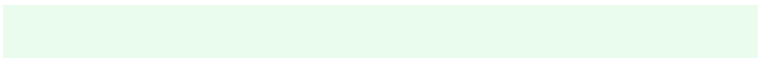
The Inverse Universe completely reimagines the original color for something new.



85.7856, 0.3217, 0.3241



85.2022, 0.3243, 0.3227



93.2903, 0.3096, 0.3432



17.3050, 0.3250, 0.3224



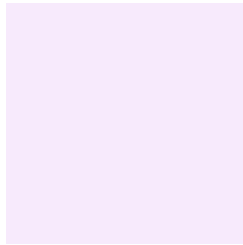
11.0357, 0.5836, 0.2989



1.0393, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 85.6481, 0.3102, 0.3113 looks on a white background.

Color Contrast Check

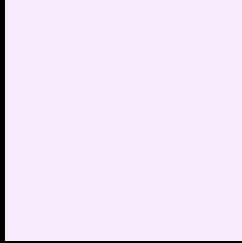
Large Text (above 18pt) WCAG AA × Fail

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 85.6481, 0.3102, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

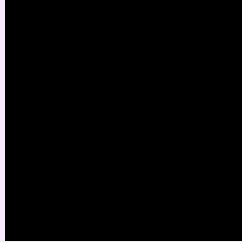
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

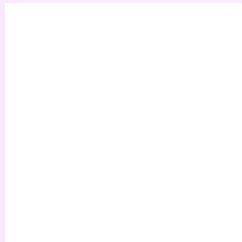
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6481, 0.3102, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 85.6481, 0.3102, 0.3113.

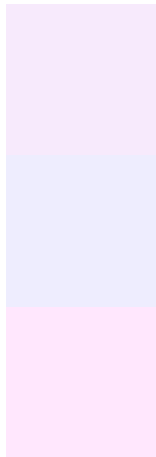


This preview shows how white text looks on a background with the Yxy color 85.6481, 0.3102, 0.3113.

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

85.6481, 0.3102, 0.3113

Protanopia

85.9013, 0.3031, 0.3120

Deuteranopia

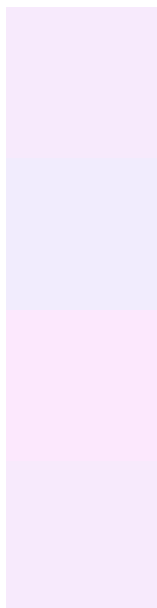
85.5037, 0.3151, 0.3077



Tritanopia

85.6481, 0.3102, 0.3113

Trichromacy



Original Color

85.6481, 0.3102, 0.3113

Protanomaly

85.7835, 0.3056, 0.3121

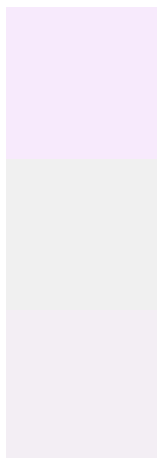
Deuteranomaly

85.5005, 0.3130, 0.3086

Tritanomaly

85.6481, 0.3102, 0.3113

Monochromacy



Original Color

85.6481, 0.3102, 0.3113

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.7354, 0.3123, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6481, 0.3102, 0.3113 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 $rgb(247, 234, 252)$ looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 252)  
}
```

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(247, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.6481, 0.3102, 0.3113 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(247, 234, 252) }
```

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

```
.border{ border-color:rgb(247, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6481, 0.3102, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 252) }
```

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

```
.background{ background-color: rgb(247,  
234, 252) }
```

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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