

Converting Colors

$Y_{xy}(85.8137, 0.3116, 0.3121)$

Have a look what the booklet for
Yxy(85.8137, 0.3116, 0.3121)
contains.

Yxy(85.7671, 0.3115, 0.3123)	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(85.7671, 0.3115, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	F8EAFB
RGB	248, 234, 251
RGB Percent	97%, 92%, 98%
CMY	0.0274, 0.0823, 0.0157
CMYK	0.01, 0.07, 0.00, 0.02
HSL	289°, 68%, 95%
HSV	289°, 7%, 98%
XYZ	85.5474, 85.7671, 103.3160
YIQ	240.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

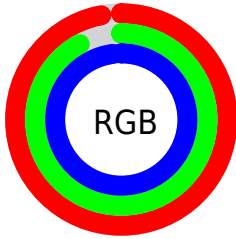
Format	Color
R _Y B	248, 234, 251
Decimal	16313083
CIE Lab	94.21, 7.70, -6.51
CIE LCh	94, 10.083, 319.787
Yxy	85.7671, 0.3115, 0.3123
Android (android.graphics.Color)	4294503163 (0xFFFB8EAFB)
YUV	240.1240, 5.3619, 6.9073
Hunter-Lab	92.6105, 2.8179, -1.3164

Details

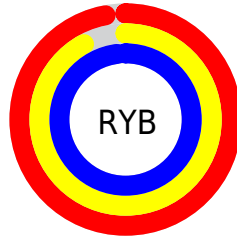
The Yxy color **85.7671, 0.3115, 0.3123** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.9447, 0.3138, 0.3461**, and the grayscale version is **87.1979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9874, 0.3111, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **71.6753, 0.3093, 0.2866**, and if you desaturate by 10%, it is **99.2625, 0.3134, 0.3328**.

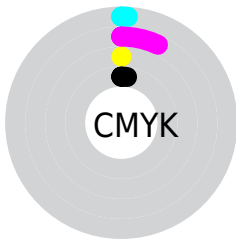
Distribution



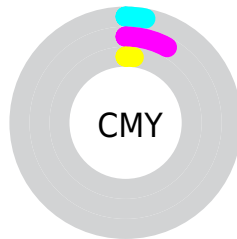
- Red (97%)
- Green (92%)
- Blue (98%)



- Red (97%)
- Yellow (92%)
- Blue (98%)



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





- Cyan (3%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7671, 0.3115, 0.3123 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 85.7671, 0.3115, 0.3123 by changing the saturation by 10% instead.


 85.7671, 0.3115,
0.3123

 85.7671, 0.3115,
0.3123


514.1629, 0.3121,
0.3197

 64.4754, 0.3114,
0.3107


141.4444, 0.3117,
0.3148

 47.0358, 0.3112,
0.3087


176.5989, 0.3118,
0.3158

 33.0640, 0.3110,
0.3062


217.1430, 0.3119,
0.3167

 22.1755, 0.3107,
0.3031

263.4612, 0.3119,
0.3174

 13.9859, 0.3103,
0.2990

315.9379, 0.3120,
0.3181

 8.1108, 0.3096,
0.2933

374.9575, 0.3120,

 4.1660, 0.3087,

0.3187

0.2851

440.9044, 0.3121,
0.3192

■ 1.7668, 0.3069,
0.2718

■ 0.4664, 0.3063,
0.2263

■ 85.7671, 0.3115,
0.3123

■ 85.7671, 0.3115,
0.3123

■ 71.6753, 0.3093,
0.2866

■ 99.2625, 0.3134,
0.3328

■ 59.5389, 0.3067,
0.2603

■ 99.7454, 0.3150,
0.3328

■ 49.2707, 0.3035,
0.2339

■ 40.7727, 0.2999,
0.2086

■ 33.9379, 0.2958,
0.1854

■ 28.6477, 0.2913,
0.1653

■ 24.7675, 0.2867,
0.1493

■ 22.1395, 0.2819,
0.1379

■ 20.5643, 0.2772,
0.1309

Harmonies

Analogous

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



85.7671, 0.3005, 0.3095



85.7671, 0.3115, 0.3123



85.7671, 0.3230, 0.3194

Triad

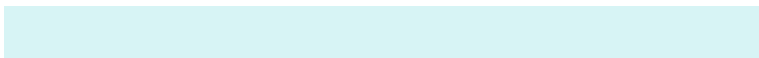
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7671, 0.3115, 0.3123



85.7671, 0.3328, 0.3462



85.7671, 0.2940, 0.3286

Complementary

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



85.7671, 0.3115, 0.3123



92.9447, 0.3138, 0.3461

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.



85.7671, 0.3024, 0.3389



85.7671, 0.3115, 0.3123



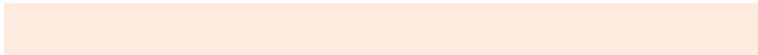
85.7671, 0.3248, 0.3492

Square

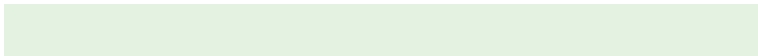
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



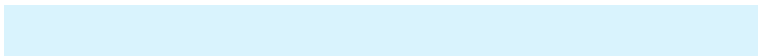
85.7671, 0.3115, 0.3123



85.7671, 0.3354, 0.3388



85.7671, 0.3136, 0.3465



85.7671, 0.2906, 0.3186

Rectangle

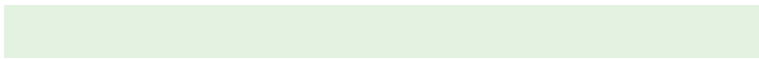
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7671, 0.3115, 0.3123



85.7671, 0.3293, 0.3256



85.7671, 0.3136, 0.3465



85.7671, 0.2963, 0.3322

Sweetspot

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



85.7708, 0.3115, 0.3123



96.6186, 0.3124, 0.3241



85.0977, 0.3023, 0.3150



20.7158, 0.3124, 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.



85.7708, 0.3115, 0.3123



86.9907, 0.3113, 0.3092



85.9895, 0.3169, 0.3176



17.3604, 0.3110, 0.3054



10.6655, 0.2765, 0.1297



1.0271, 0.2821, 0.1328

Inverse Universe

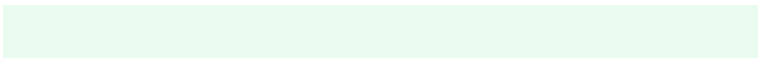
The Inverse Universe completely reimagines the original color for something new.



85.4738, 0.3223, 0.3261



86.6329, 0.3242, 0.3255



92.7461, 0.3088, 0.3407



17.2753, 0.3266, 0.3248



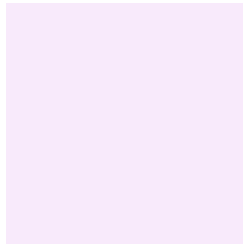
10.8922, 0.6137, 0.3154



1.0222, 0.5834, 0.2988

Previews

White Background



This preview shows how the Yxy color 85.7671, 0.3115, 0.3123 looks on a white background.

Color Contrast Check

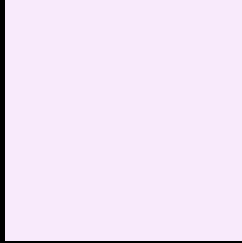
Large Text (above 18pt) WCAG AA × Fail

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 85.7671, 0.3115, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

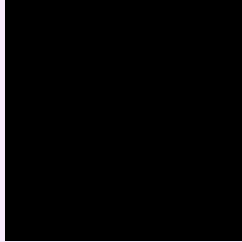
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

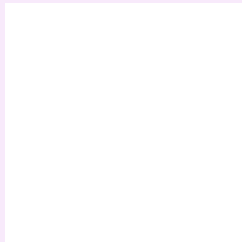
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.7671, 0.3115, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 85.7671, 0.3115, 0.3123.

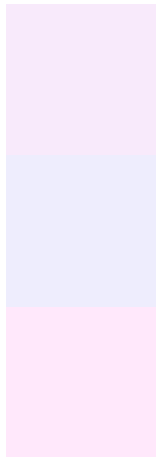


This preview shows how white text looks on a background with the Yxy color 85.7671, 0.3115, 0.3123.

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

85.7671, 0.3115, 0.3123

Protanopia

85.8374, 0.3037, 0.3130

Deuteranopia

85.9383, 0.3163, 0.3106



Tritanopia

85.8304, 0.3109, 0.3113

Trichromacy



Original Color

85.7671, 0.3115, 0.3123

Protanomaly

85.8964, 0.3069, 0.3131

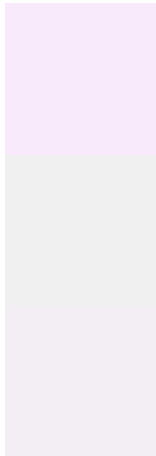
Deuteranomaly

85.9383, 0.3142, 0.3115

Tritanomaly

85.8304, 0.3109, 0.3113

Monochromacy



Original Color

85.7671, 0.3115, 0.3123

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 85.7671, 0.3115, 0.3123 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(248, 234, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 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(248, 234, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 251) }
```

Border

The CSS property to change the border of an element to Yxy 85.7671, 0.3115, 0.3123 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(248, 234, 251) }
```

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

```
.border{ border-color:rgb(248, 234, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 234, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7671, 0.3115, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 251) }
```

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

```
.background{ background-color: rgb(248,  
234, 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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