

Converting Colors

Yxy(85.9910, 0.3160, 0.3103)

Have a look what the booklet for
Yxy(85.9910, 0.3160, 0.3103)
contains.

Yxy(85.9383, 0.3163, 0.3106)	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(85.9383, 0.3163, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8FB
RGB	255, 232, 251
RGB Percent	100%, 91%, 98%
CMY	0.0000, 0.0902, 0.0157
CMYK	0.00, 0.09, 0.02, 0.00
HSL	310°, 100%, 95%
HSV	310°, 9%, 100%
XYZ	87.5154, 85.9383, 103.2311
YIQ	241.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

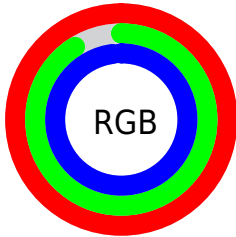
Format	Color
R_{YB}	255, 232, 251
Decimal	16771323
CIE _{Lab}	94.29, 11.06, -6.33
CIE _{LCh}	94, 12.741, 330.212
Yxy	85.9383, 0.3163, 0.3106
Android (android.graphics.Color)	4294961403 (0xFFFFE8FB)
YUV	241.0430, 4.9088, 12.2403
Hunter-Lab	92.7029, 6.2813, -1.1315

Details

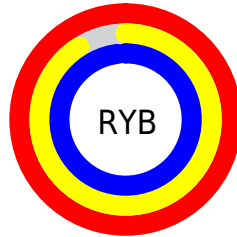
The Yxy color **85.9383, 0.3163, 0.3106** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.7321, 0.3093, 0.3481**, and the grayscale version is **87.9518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9966, 0.3164, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **72.3298, 0.3208, 0.2895**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

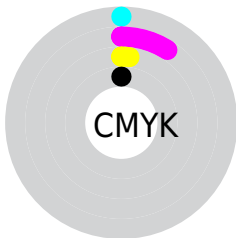
Distribution



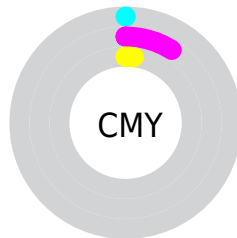
- Red (100%)
- Green (91%)
- Blue (98%)



- Red (100%)
- Yellow (91%)
- Blue (98%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9383, 0.3163, 0.3106 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 85.9383, 0.3163, 0.3106 by changing the saturation by 10% instead.


 85.9383, 0.3163,
0.3106

 85.9383, 0.3163,
0.3106

514.7277, 0.3148,
0.3187

 64.6170, 0.3166,
0.3088

141.6834, 0.3158,
0.3134

 47.1505, 0.3170,
0.3067


176.8759, 0.3156,
0.3145

 33.1547, 0.3175,
0.3040


217.4610, 0.3154,
0.3154

 22.2450, 0.3181,
0.3006

263.8229, 0.3152,
0.3162

 14.0370, 0.3189,
0.2961

316.3462, 0.3151,
0.3170

 8.1464, 0.3200,
0.2900

375.4151, 0.3150,

 4.1888, 0.3215,

0.3176

0.2810

441.4142, 0.3149,
0.3182

■ 1.7797, 0.3237,
0.2668

■ 0.4745, 0.3346,
0.2202

■ 85.9383, 0.3163,
0.3106

■ 85.9383, 0.3163,
0.3106

■ 72.3298, 0.3208,
0.2895

100.0000, 0.3127,
0.3290

■ 60.7233, 0.3259,
0.2682

■ 51.0210, 0.3317,
0.2473

■ 43.1193, 0.3379,
0.2278

■ 36.9044, 0.3446,
0.2107

■ 32.2500, 0.3514,
0.1970

■ 29.0116, 0.3583,
0.1875

■ 27.0178, 0.3649,
0.1826

■ 26.0155, 0.3711,
0.1821

Harmonies

Analogous

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



85.9383, 0.3018, 0.3050



85.9383, 0.3163, 0.3106



85.9383, 0.3301, 0.3208

Triad

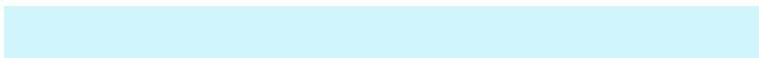
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9383, 0.3163, 0.3106



85.9383, 0.3352, 0.3528



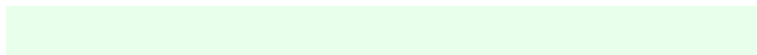
85.9383, 0.2868, 0.3238

Complementary

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



85.9383, 0.3163, 0.3106



94.7321, 0.3093, 0.3481

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.



85.9383, 0.2954, 0.3372



85.9383, 0.3163, 0.3106



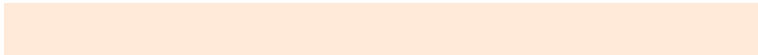
85.9383, 0.3233, 0.3542

Square

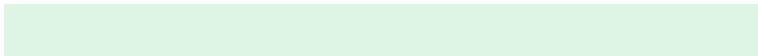
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9383, 0.3163, 0.3106



85.9383, 0.3412, 0.3450



85.9383, 0.3087, 0.3485



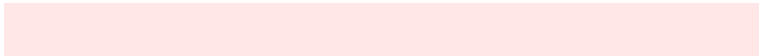
85.9383, 0.2850, 0.3122

Rectangle

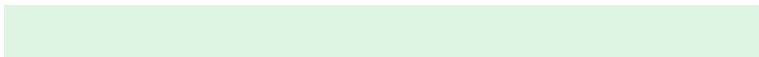
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9383, 0.3163, 0.3106



85.9383, 0.3370, 0.3291



85.9383, 0.3087, 0.3485



85.9383, 0.2890, 0.3282

Sweetspot

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



85.9363, 0.3163, 0.3106



95.1302, 0.3138, 0.3230



82.7360, 0.3011, 0.3059



20.0902, 0.3142, 0.3213



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.



85.9363, 0.3163, 0.3106



83.0797, 0.3171, 0.3065



85.2434, 0.3235, 0.3215



18.2428, 0.3165, 0.3096



13.5738, 0.3707, 0.1816



1.3353, 0.3641, 0.1779

Inverse Universe

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



85.9363, 0.3163, 0.3106



83.0797, 0.3171, 0.3065



95.4114, 0.3030, 0.3366



18.2428, 0.3165, 0.3096



13.5738, 0.3707, 0.1816



1.3353, 0.3641, 0.1779

Previews

White Background



This preview shows how the Yxy color 85.9383, 0.3163, 0.3106 looks on a white background.

Color Contrast Check

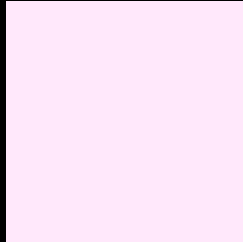
Large Text (above 18pt) WCAG AA × Fail

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 85.9383, 0.3163, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

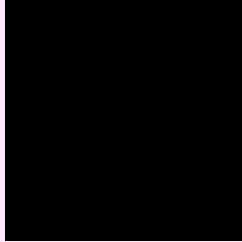
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.9383, 0.3163, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 85.9383, 0.3163, 0.3106.

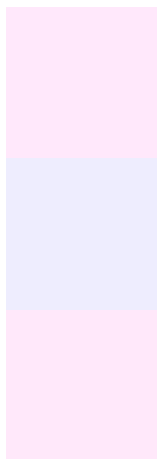


This preview shows how white text looks on a background with the Yxy color 85.9383, 0.3163, 0.3106.

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

85.9383, 0.3163, 0.3106

Protanopia

85.9013, 0.3031, 0.3120

Deuteranopia

85.8754, 0.3169, 0.3115



Tritanopia

85.8754, 0.3169, 0.3115

Trichromacy



Original Color

85.9383, 0.3163, 0.3106

Protanomaly

85.7416, 0.3076, 0.3112

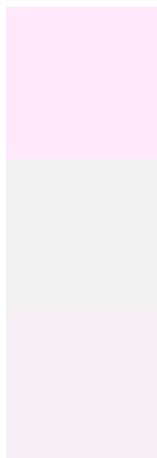
Deuteranomaly

85.8754, 0.3169, 0.3115

Tritanomaly

85.8754, 0.3169, 0.3115

Monochromacy



Original Color

85.9383, 0.3163, 0.3106

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.3345, 0.3137, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9383, 0.3163, 0.3106 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(255, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 251) }
```

Border

The CSS property to change the border of an element to Yxy 85.9383, 0.3163, 0.3106 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(255, 232, 251) }
```

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

```
.border{ border-color:rgb(255, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9383, 0.3163, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 251) }
```

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

```
.background{ background-color: rgb(255,  
232, 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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