

Converting Colors

$Yxy(86.3055, 0.3101, 0.3152)$

Have a look what the booklet for
Yxy(86.3055, 0.3101, 0.3152)
contains.

Yxy(86.3055, 0.3101, 0.3152)	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(86.3055, 0.3101, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	F5ECFA
RGB	245, 236, 250
RGB Percent	96%, 93%, 98%
CMY	0.0391, 0.0745, 0.0197
CMYK	0.02, 0.06, 0.00, 0.02
HSL	279°, 58%, 95%
HSV	279°, 6%, 98%
XYZ	84.9091, 86.3055, 102.5973
YIQ	240.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

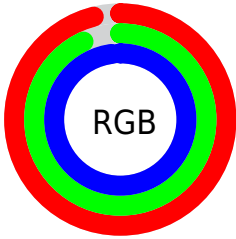
Format	Color
R _Y B	245, 236, 250
Decimal	16116986
CIE Lab	94.44, 5.50, -5.66
CIE LCh	94, 7.892, 314.218
Yxy	86.3055, 0.3101, 0.3152
Android (android.graphics.Color)	4294307066 (0xFF5ECFA)
YUV	240.2870, 4.7885, 4.1333
Hunter-Lab	92.9008, 0.5684, -0.4479

Details

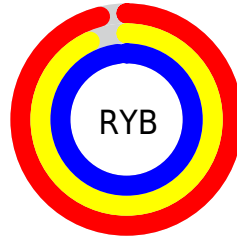
The Yxy color **86.3055, 0.3101, 0.3152** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.0973, 0.3152, 0.3429**, and the grayscale version is **87.3388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3564, 0.3093, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **71.3555, 0.3047, 0.2891**, and if you desaturate by 10%, it is **99.4662, 0.3149, 0.3338**.

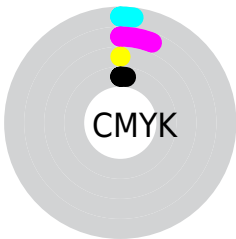
Distribution



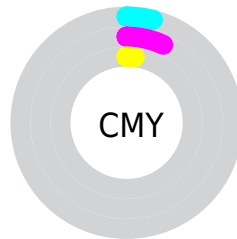
- Red (96%)
- Green (93%)
- Blue (98%)



- Red (96%)
- Yellow (93%)
- Blue (98%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3055, 0.3101, 0.3152 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 86.3055, 0.3101, 0.3152 by changing the saturation by 10% instead.

 86.3055, 0.3101,
0.3152

 86.3055, 0.3101,
0.3152

515.9380, 0.3113,
0.3213

 64.9206, 0.3098,
0.3139

142.1957, 0.3105,
0.3173

 47.3967, 0.3095,
0.3122

177.4699, 0.3107,
0.3181

 33.3494, 0.3091,
0.3102


218.1426, 0.3108,
0.3188

 22.3942, 0.3085,
0.3076

264.5982, 0.3109,
0.3195

 14.1469, 0.3078,
0.3041

317.2212, 0.3110,
0.3200

 8.2229, 0.3067,
0.2994

376.3959, 0.3111,

 4.2379, 0.3051,

0.3205

0.2925

442.5067, 0.3112,
0.3209

■ 1.8075, 0.3024,
0.2813

■ 0.4918, 0.2973,
0.2429

■ 86.3055, 0.3101,
0.3152

■ 86.3055, 0.3101,
0.3152

■ 71.3555, 0.3047,
0.2891

■ 99.4662, 0.3149,
0.3338

■ 58.4079, 0.2984,
0.2617

■ 99.6800, 0.3156,
0.3338

■ 47.3764, 0.2911,
0.2335

■ 38.1639, 0.2829,
0.2055

■ 30.6647, 0.2739,
0.1788

■ 24.7619, 0.2644,
0.1547

■ 20.3234, 0.2546,
0.1345

■ 17.1952, 0.2451,
0.1190

■ 15.1872, 0.2359,
0.1087

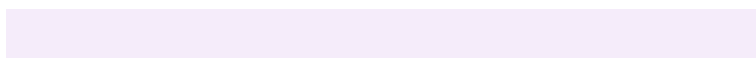
Harmonies

Analogous

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



86.3055, 0.3018, 0.3137



86.3055, 0.3101, 0.3152



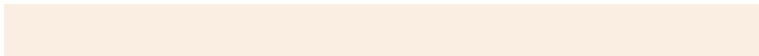
86.3055, 0.3192, 0.3202

Triad

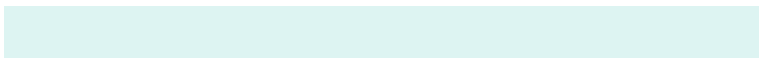
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3055, 0.3101, 0.3152



86.3055, 0.3291, 0.3416



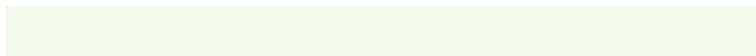
86.3055, 0.2990, 0.3303

Complementary

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



86.3055, 0.3101, 0.3152



93.0973, 0.3152, 0.3429

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.



86.3055, 0.3062, 0.3381



86.3055, 0.3101, 0.3152



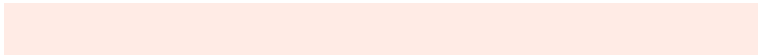
86.3055, 0.3236, 0.3446

Square

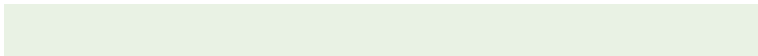
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3055, 0.3101, 0.3152



86.3055, 0.3302, 0.3354



86.3055, 0.3151, 0.3433



86.3055, 0.2955, 0.3223

Rectangle

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



86.3055, 0.3101, 0.3152



86.3055, 0.3244, 0.3250



86.3055, 0.3151, 0.3433



86.3055, 0.3011, 0.3330

Sweetspot

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



86.3092, 0.3101, 0.3152



96.4485, 0.3118, 0.3241



87.7162, 0.3041, 0.3201



20.6812, 0.3119, 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.



86.3092, 0.3101, 0.3152



87.9573, 0.3094, 0.3116



87.0935, 0.3145, 0.3172



17.8253, 0.3091, 0.3101



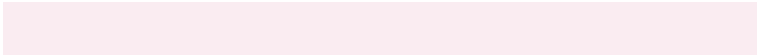
7.7949, 0.2335, 0.1060



0.7812, 0.2440, 0.1118

Inverse Universe

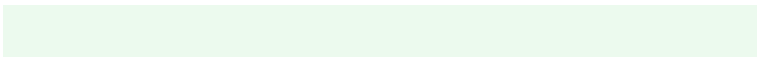
The Inverse Universe completely reimagines the original color for something new.



86.6571, 0.3190, 0.3241



88.4144, 0.3207, 0.3229



92.3488, 0.3110, 0.3411



17.9269, 0.3214, 0.3224



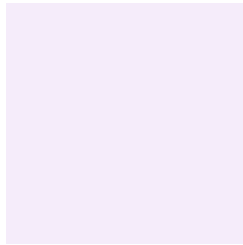
11.1828, 0.5566, 0.2840



1.0550, 0.5236, 0.2658

Previews

White Background



This preview shows how the Yxy color 86.3055, 0.3101, 0.3152 looks on a white background.

Color Contrast Check

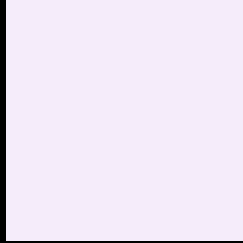
Large Text (above 18pt) WCAG AA × Fail

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 86.3055, 0.3101, 0.3152 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

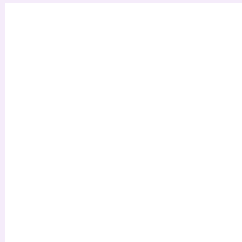
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3055, 0.3101, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 86.3055, 0.3101, 0.3152.



This preview shows how white text looks on a background with the Yxy color 86.3055, 0.3101, 0.3152.

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

86.3055, 0.3101, 0.3152

Protanopia

86.6394, 0.3061, 0.3161

Deuteranopia

86.4400, 0.3168, 0.3125



Tritanopia

86.1652, 0.3083, 0.3103

Trichromacy



Original Color

86.3055, 0.3101, 0.3152

Protanomaly

86.4107, 0.3075, 0.3151

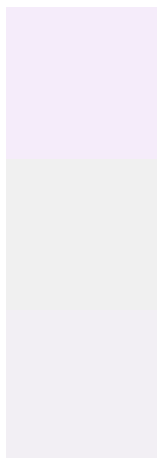
Deuteranomaly

86.2570, 0.3141, 0.3134

Tritanomaly

86.1013, 0.3089, 0.3113

Monochromacy



Original Color

86.3055, 0.3101, 0.3152

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.1419, 0.3116, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3055, 0.3101, 0.3152 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, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 250)  
}
```

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, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 250) }
```

Border

The CSS property to change the border of an element to Yxy 86.3055, 0.3101, 0.3152 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, 236, 250) }
```

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

```
.border{ border-color:rgb(245, 236, 250) }
```

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

Here you see how a box with a 4 pixel rgb(245, 236, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3055, 0.3101, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 250) }
```

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

```
.background{ background-color: rgb(245,  
236, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor