

Converting Colors

Yxy(90.2083, 0.3314, 0.3097)

Have a look what the booklet for
Yxy(90.2083, 0.3314, 0.3097)
contains.

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Color

Yxy(85.4401, 0.3157, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7FC
RGB	255, 231, 252
RGB Percent	100%, 91%, 99%
CMY	0.0001, 0.0941, 0.0119
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 100%, 95%
HSV	308°, 9%, 100%
XYZ	87.3775, 85.4401, 103.9563
YIQ	240.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

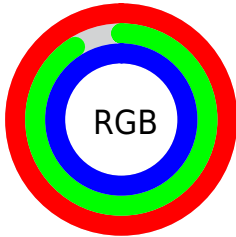
Format	Color
R _Y B	255, 231, 252
Decimal	16771068
CIE Lab	94.07, 11.72, -7.16
CIE LCh	94, 13.734, 328.595
Yxy	85.4401, 0.3157, 0.3087
Android (android.graphics.Color)	4294961148 (0xFFFFE7FC)
YUV	240.5700, 5.6350, 12.6551
Hunter-Lab	92.4338, 6.9766, -1.9772

Details

The Yxy color **85.4401, 0.3157, 0.3087** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.4425, 0.3099, 0.3502**, and the grayscale version is **87.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6058, 0.3165, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **71.9924, 0.3193, 0.2864**, and if you desaturate by 10%, it is **99.9967, 0.3127, 0.3290**.

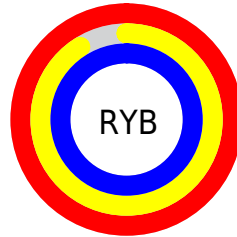
Distribution



Red (100%)

Green (91%)

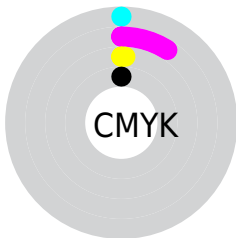
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

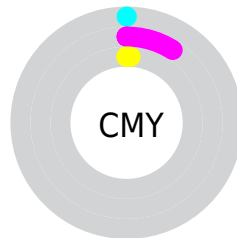


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4401, 0.3157, 0.3087 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 85.4401, 0.3157, 0.3087 by changing the saturation by 10% instead.


 85.4401, 0.3157,
0.3087

 85.4401, 0.3157,
0.3087


513.0832, 0.3144,
0.3177

 64.2051, 0.3160,
0.3067


140.9879, 0.3153,
0.3117

 46.8168, 0.3163,
0.3044


176.0695, 0.3151,
0.3129

 32.8909, 0.3167,
0.3014


216.5354, 0.3150,
0.3140

 22.0428, 0.3172,
0.2977

262.7699, 0.3148,
0.3149

 13.8884, 0.3178,
0.2927

315.1576, 0.3147,
0.3157

 8.0431, 0.3186,
0.2860

374.0828, 0.3146,

 4.1225, 0.3197,

0.3164

0.2762

439.9299, 0.3145,
0.3171

■ 1.7423, 0.3212,
0.2606

■ 0.4508, 0.3313,
0.2090

■ 85.4401, 0.3157,
0.3087

■ 85.4401, 0.3157,
0.3087

■ 71.9924, 0.3193,
0.2864

99.9967, 0.3127,
0.3290

■ 60.5340, 0.3233,
0.2640

■ 50.9726, 0.3277,
0.2422

■ 43.2043, 0.3324,
0.2220

■ 37.1151, 0.3373,
0.2043

■ 32.5779, 0.3423,
0.1902

■ 29.4475, 0.3471,
0.1802

■ 27.5515, 0.3516,
0.1749

■ 26.6248, 0.3559,
0.1736

Harmonies

Analogous

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



85.4401, 0.3001, 0.3030



85.4401, 0.3157, 0.3087



85.4401, 0.3308, 0.3195

Triad

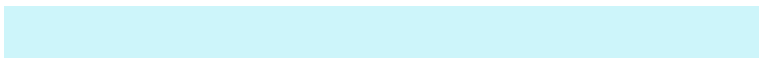
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4401, 0.3157, 0.3087



85.4401, 0.3376, 0.3544



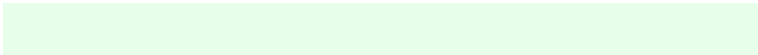
85.4401, 0.2851, 0.3241

Complementary

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



85.4401, 0.3157, 0.3087



94.4425, 0.3099, 0.3502

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.



85.4401, 0.2947, 0.3386



85.4401, 0.3157, 0.3087



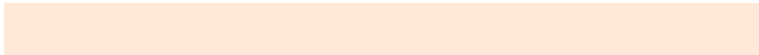
85.4401, 0.3249, 0.3564

Square

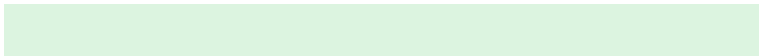
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



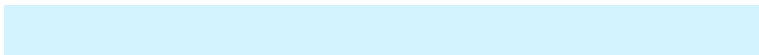
85.4401, 0.3157, 0.3087



85.4401, 0.3436, 0.3456



85.4401, 0.3092, 0.3506



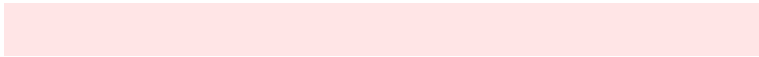
85.4401, 0.2828, 0.3114

Rectangle

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



85.4401, 0.3157, 0.3087



85.4401, 0.3384, 0.3283



85.4401, 0.3092, 0.3506



85.4401, 0.2876, 0.3289

Sweetspot

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



85.4438, 0.3157, 0.3087



95.1540, 0.3136, 0.3226



81.8402, 0.2998, 0.3048



20.0967, 0.3139, 0.3209



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.



85.4438, 0.3157, 0.3087



83.1659, 0.3162, 0.3052



84.7207, 0.3232, 0.3200



18.2588, 0.3157, 0.3085



13.9069, 0.3555, 0.1732



1.3646, 0.3510, 0.1707

Inverse Universe

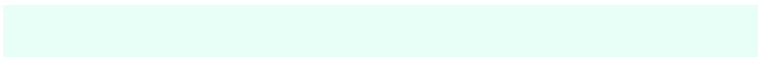
The Inverse Universe completely reimagines the original color for something new.



85.4438, 0.3157, 0.3087



83.1659, 0.3162, 0.3052



95.1417, 0.3032, 0.3382



18.2588, 0.3157, 0.3085



13.9069, 0.3555, 0.1732



1.3646, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 85.4401, 0.3157, 0.3087 looks on a white background.

Color Contrast Check

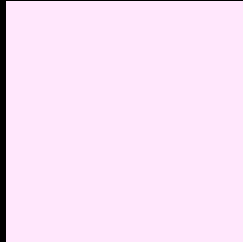
Large Text (above 18pt) WCAG AA × Fail

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 85.4401, 0.3157, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

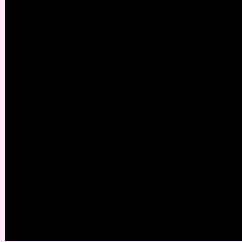
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.4401, 0.3157, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 85.4401, 0.3157, 0.3087.

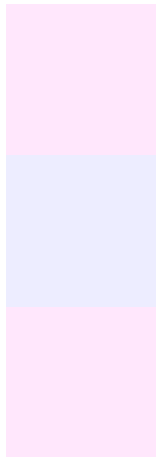


This preview shows how white text looks on a background with the Yxy color 85.4401, 0.3157, 0.3087.

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

85.4401, 0.3157, 0.3087

Protanopia

85.7929, 0.3018, 0.3110

Deuteranopia

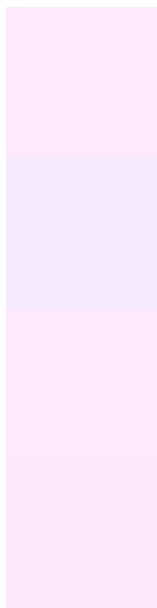
85.4401, 0.3157, 0.3087



Tritanopia

85.3140, 0.3170, 0.3106

Trichromacy



Original Color

85.4401, 0.3157, 0.3087

Protanomaly

85.8055, 0.3070, 0.3103

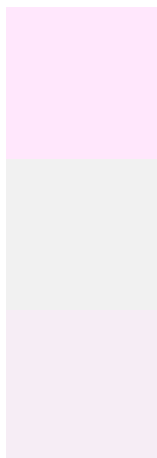
Deuteranomaly

85.4401, 0.3157, 0.3087

Tritanomaly

85.3769, 0.3163, 0.3096

Monochromacy



Original Color

85.4401, 0.3157, 0.3087

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

86.7538, 0.3137, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4401, 0.3157, 0.3087 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, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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(255, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.4401, 0.3157, 0.3087 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, 231, 252) }
```

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

```
.border{ border-color:rgb(255, 231, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4401, 0.3157, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 252) }
```

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

```
.background{ background-color: rgb(255,  
231, 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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