

Converting Colors

Yxy(89.4500, 0.3084, 0.3145)

Have a look what the booklet for
Yxy(89.4500, 0.3084, 0.3145)
contains.

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Color

Yxy(89.3143, 0.3082, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	F7F0FF
RGB	247, 240, 255
RGB Percent	97%, 94%, 100%
CMY	0.0315, 0.0587, 0.0001
CMYK	0.03, 0.06, 0.00, 0.00
HSL	268°, 100%, 97%
HSV	268°, 6%, 100%
XYZ	87.5530, 89.3143, 107.2112
YIQ	243.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

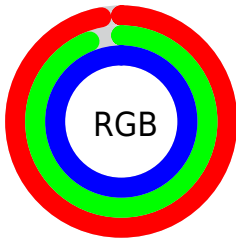
Format	Color
R _Y B	247, 240, 255
Decimal	16249087
CIE Lab	95.71, 4.98, -6.36
CIE LCh	96, 8.083, 308.053
Yxy	89.3143, 0.3082, 0.3144
Android (android.graphics.Color)	4294439167 (0xFF7F0FF)
YUV	243.8030, 5.5201, 2.8038
Hunter-Lab	94.5062, -0.0189, -1.1063

Details

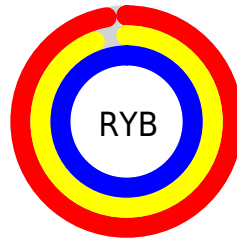
The Yxy color **89.3143, 0.3082, 0.3144** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.7614, 0.3170, 0.3436**, and the grayscale version is **90.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.4346, 0.3077, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **72.9492, 0.2995, 0.2877**, and if you desaturate by 10%, it is **99.9985, 0.3127, 0.3290**.

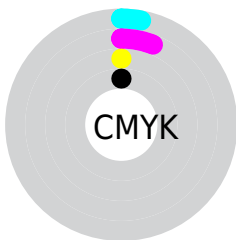
Distribution



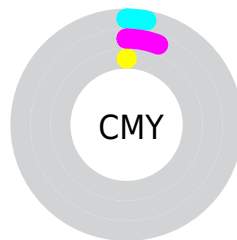
- Red (97%)
- Green (94%)
- Blue (100%)



- Red (97%)
- Yellow (94%)
- Blue (100%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3143, 0.3082, 0.3144 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 89.3143, 0.3082, 0.3144 by changing the saturation by 10% instead.

 89.3143, 0.3082,
0.3144

 89.3143, 0.3082,
0.3144


525.7978, 0.3102,
0.3209

 67.4121, 0.3077,
0.3130


146.3856, 0.3089,
0.3166

 49.4196, 0.3072,
0.3113

182.3234, 0.3092,
0.3175

 34.9524, 0.3065,
0.3092


223.7085, 0.3094,
0.3182

 23.6262, 0.3056,
0.3065

270.9254, 0.3096,
0.3189

 15.0566, 0.3044,
0.3029

324.3583, 0.3098,
0.3195

 8.8591, 0.3028,
0.2981

384.3918, 0.3100,

 4.6494, 0.3003,

0.3200

0.2910

451.4101, 0.3101,
0.3204

■ 2.0431, 0.2962,
0.2799

■ 0.6323, 0.2892,
0.2531

■ 89.3143, 0.3082,
0.3144

■ 89.3143, 0.3082,
0.3144

■ 72.9492, 0.2995,
0.2877

99.9985, 0.3127,
0.3290

■ 58.7805, 0.2893,
0.2591

■ 46.7145, 0.2778,
0.2290

■ 36.6460, 0.2650,
0.1984

■ 28.4606, 0.2513,
0.1687

■ 22.0319, 0.2371,
0.1413

■ 17.2172, 0.2230,
0.1180

■ 13.8502, 0.2098,
0.0999

■ 11.7256, 0.1980,
0.0877

Harmonies

Analogous

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



89.3143, 0.3003, 0.3137



89.3143, 0.3082, 0.3144



89.3143, 0.3174, 0.3188

Triad

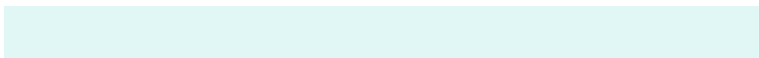
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3143, 0.3082, 0.3144



89.3143, 0.3300, 0.3407



89.3143, 0.3001, 0.3320

Complementary

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



89.3143, 0.3082, 0.3144



97.7614, 0.3170, 0.3436

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.



89.3143, 0.3079, 0.3395



89.3143, 0.3082, 0.3144



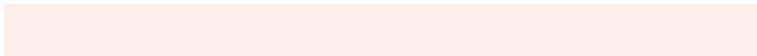
89.3143, 0.3252, 0.3445

Square

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



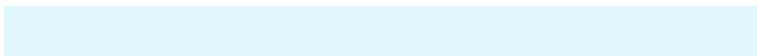
89.3143, 0.3082, 0.3144



89.3143, 0.3301, 0.3339



89.3143, 0.3171, 0.3442



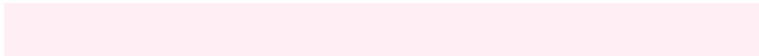
89.3143, 0.2957, 0.3237

Rectangle

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



89.3143, 0.3082, 0.3144



89.3143, 0.3231, 0.3234



89.3143, 0.3171, 0.3442



89.3143, 0.3024, 0.3347

Sweetspot

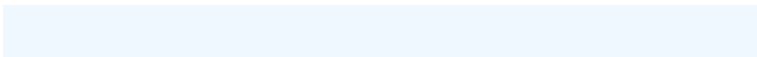
The Sweet Spot groups the original color and five complimentary colors.



89.3181, 0.3082, 0.3144



96.2741, 0.3112, 0.3241



93.0344, 0.3037, 0.3224



20.6457, 0.3113, 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.



89.3181, 0.3082, 0.3144



87.3649, 0.3073, 0.3115



90.6657, 0.3129, 0.3146



18.4778, 0.3068, 0.3099



5.8815, 0.1952, 0.0849



0.6369, 0.2077, 0.0918

Inverse Universe

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



90.3686, 0.3176, 0.3213



88.6135, 0.3187, 0.3197



96.4578, 0.3125, 0.3438



18.7674, 0.3192, 0.3189



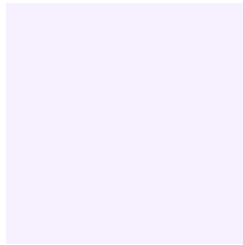
12.0791, 0.4811, 0.2424



1.1982, 0.4577, 0.2295

Previews

White Background



This preview shows how the Yxy color 89.3143, 0.3082, 0.3144 looks on a white background.

Color Contrast Check

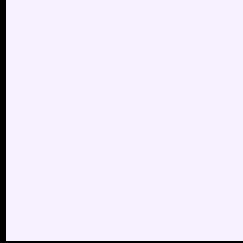
Large Text (above 18pt) WCAG AA × Fail

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 89.3143, 0.3082, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

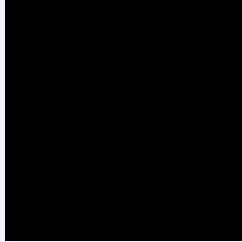
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

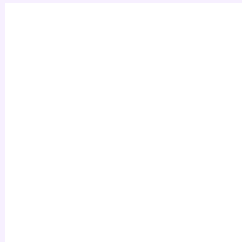
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3143, 0.3082, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 89.3143, 0.3082, 0.3144.



This preview shows how white text looks on a background with the Yxy color 89.3143, 0.3082, 0.3144.

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

89.3143, 0.3082, 0.3144

Protanopia

89.1853, 0.3056, 0.3152

Deuteranopia

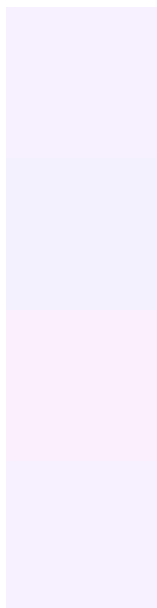
89.4373, 0.3153, 0.3155



Tritanopia

89.1330, 0.3076, 0.3143

Trichromacy



Original Color

89.3143, 0.3082, 0.3144

Protanomaly

89.3637, 0.3063, 0.3153

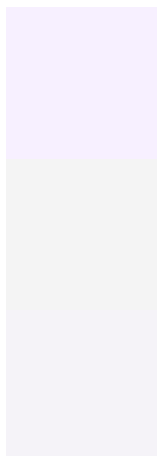
Deuteranomaly

89.5203, 0.3127, 0.3154

Tritanomaly

89.1330, 0.3076, 0.3143

Monochromacy



Original Color

89.3143, 0.3082, 0.3144

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.2910, 0.3110, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3143, 0.3082, 0.3144 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, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 255)  
}
```

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, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.3143, 0.3082, 0.3144 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, 240, 255) }
```

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

```
.border{ border-color:rgb(247, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3143, 0.3082, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 255) }
```

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

```
.background{ background-color: rgb(247,  
240, 255) }
```

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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