

Converting Colors

$Yxy(89.0317, 0.3078, 0.3140)$

Have a look what the booklet for
Yxy(89.0317, 0.3078, 0.3140)
contains.

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Color

Yxy(89.1330, 0.3076, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	F6F0FF
RGB	246, 240, 255
RGB Percent	96%, 94%, 100%
CMY	0.0351, 0.0589, 0.0000
CMYK	0.04, 0.06, 0.00, 0.00
HSL	264°, 100%, 97%
HSV	264°, 6%, 100%
XYZ	87.2329, 89.1330, 107.2262
YIQ	243.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

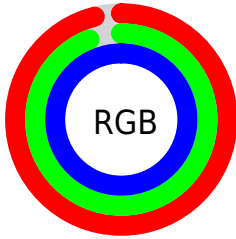
Format	Color
R _Y B	246, 240, 255
Decimal	16183551
CIE _{Lab}	95.64, 4.71, -6.50
CIE _{LCh}	96, 8.034, 305.936
Y _{xy}	89.1330, 0.3076, 0.3143
Android (android.graphics.Color)	4294373631 (0xFF6F0FF)
Y _{UV}	243.5040, 5.6675, 2.1890
Hunter-Lab	94.4103, -0.2881, -1.2512

Details

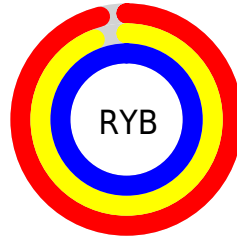
The Yxy color **89.1330, 0.3076, 0.3143** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.9368, 0.3176, 0.3436**, and the grayscale version is **90.0123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3053, 0.3069, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **72.5278, 0.2978, 0.2875**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

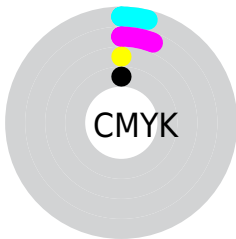
Distribution



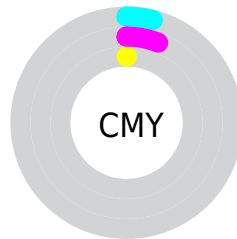
- Red (96%)
- Green (94%)
- Blue (100%)



- Red (96%)
- Yellow (94%)
- Blue (100%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.1330, 0.3076, 0.3143 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 89.1330, 0.3076, 0.3143 by changing the saturation by 10% instead.

 89.1330, 0.3076,
0.3143

 89.1330, 0.3076,
0.3143


525.2065, 0.3099,
0.3208

 67.2618, 0.3071,
0.3129


146.1335, 0.3084,
0.3165

 49.2974, 0.3065,
0.3112


182.0316, 0.3087,
0.3174

 34.8555, 0.3057,
0.3090


223.3741, 0.3090,
0.3181

 23.5516, 0.3047,
0.3063

270.5454, 0.3092,
0.3188

 15.0013, 0.3033,
0.3027

323.9299, 0.3094,
0.3194

 8.8203, 0.3015,
0.2978

383.9119, 0.3096,

 4.6242, 0.2987,

0.3199

0.2907

450.8760, 0.3098,
0.3204

■ 2.0285, 0.2941,
0.2794

■ 0.6239, 0.2860,
0.2520

■ 89.1330, 0.3076,
0.3143

■ 89.1330, 0.3076,
0.3143

■ 72.5278, 0.2978,
0.2875

100.0000, 0.3127,
0.3290

■ 58.1610, 0.2865,
0.2584

■ 45.9364, 0.2736,
0.2278

■ 35.7471, 0.2595,
0.1964

■ 27.4770, 0.2444,
0.1658

■ 20.9977, 0.2289,
0.1374

■ 16.1646, 0.2137,
0.1132

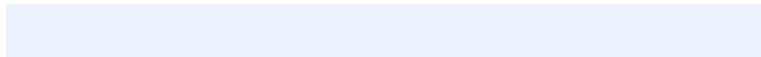
■ 12.8093, 0.1998,
0.0945

■ 10.7239, 0.1877,
0.0821

Harmonies

Analogous

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



89.1330, 0.2999, 0.3139



89.1330, 0.3076, 0.3143



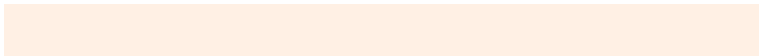
89.1330, 0.3168, 0.3185

Triad

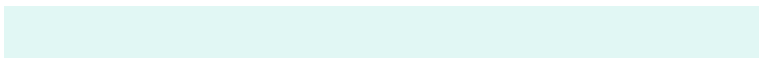
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1330, 0.3076, 0.3143



89.1330, 0.3300, 0.3402



89.1330, 0.3006, 0.3326

Complementary

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



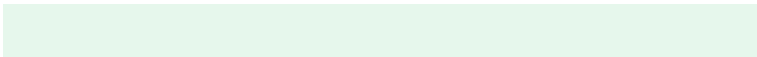
89.1330, 0.3076, 0.3143



97.9368, 0.3176, 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.



89.1330, 0.3085, 0.3399



89.1330, 0.3076, 0.3143



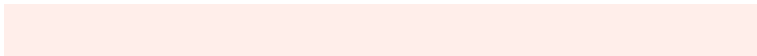
89.1330, 0.3256, 0.3443

Square

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



89.1330, 0.3076, 0.3143



89.1330, 0.3298, 0.3333



89.1330, 0.3177, 0.3442



89.1330, 0.2959, 0.3243

Rectangle

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



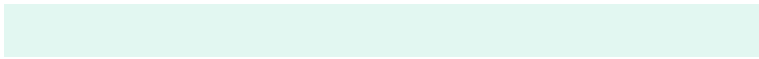
89.1330, 0.3076, 0.3143



89.1330, 0.3225, 0.3229



89.1330, 0.3177, 0.3442



89.1330, 0.3030, 0.3352

Sweetspot

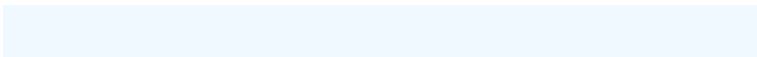
The Sweet Spot groups the original color and five complimentary colors.



89.1358, 0.3076, 0.3143



96.2176, 0.3110, 0.3241



93.4909, 0.3036, 0.3231



20.6342, 0.3111, 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.



89.1358, 0.3076, 0.3143



87.1747, 0.3066, 0.3114



90.5086, 0.3124, 0.3145



18.4338, 0.3060, 0.3099



5.3655, 0.1850, 0.0793



0.5841, 0.1975, 0.0862

Inverse Universe

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



90.4072, 0.3171, 0.3204



88.6789, 0.3180, 0.3187



96.5972, 0.3130, 0.3438



18.7826, 0.3185, 0.3178



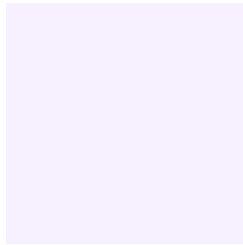
12.3212, 0.4563, 0.2287



1.2213, 0.4366, 0.2179

Previews

White Background



This preview shows how the Yxy color 89.1330, 0.3076, 0.3143 looks on a white background.

Color Contrast Check

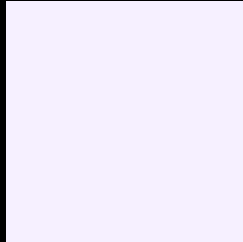
Large Text (above 18pt) WCAG AA × Fail

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 89.1330, 0.3076, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

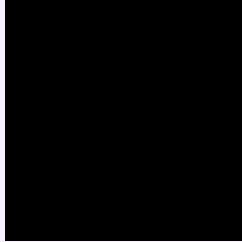
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

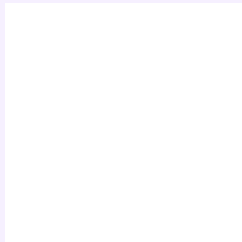
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.1330, 0.3076, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 89.1330, 0.3076, 0.3143.



This preview shows how white text looks on a background with the Yxy color 89.1330, 0.3076, 0.3143.

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

89.1330, 0.3076, 0.3143

Protanopia

89.1853, 0.3056, 0.3152

Deuteranopia

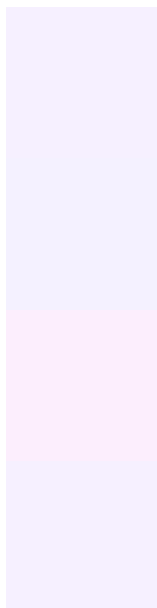
88.8566, 0.3154, 0.3145



Tritanopia

89.1330, 0.3076, 0.3143

Trichromacy



Original Color

89.1330, 0.3076, 0.3143

Protanomaly

89.3637, 0.3063, 0.3153

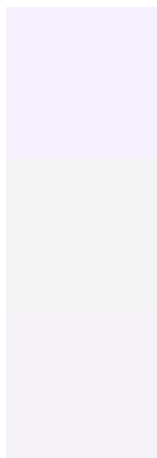
Deuteranomaly

88.9364, 0.3127, 0.3145

Tritanomaly

89.1330, 0.3076, 0.3143

Monochromacy



Original Color

89.1330, 0.3076, 0.3143

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 89.1330, 0.3076, 0.3143 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(246, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.1330, 0.3076, 0.3143 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(246, 240, 255) }
```

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

```
.border{ border-color:rgb(246, 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(246, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.1330, 0.3076, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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