

Converting Colors

Yxy(89.9143, 0.3082, 0.3153)

Have a look what the booklet for
Yxy(89.9143, 0.3082, 0.3153)
contains.

Yxy(89.9048, 0.3082, 0.3153)	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(89.9048, 0.3082, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	F7F1FF
RGB	247, 241, 255
RGB Percent	97%, 95%, 100%
CMY	0.0312, 0.0550, 0.0000
CMYK	0.03, 0.05, 0.00, 0.00
HSL	266°, 100%, 97%
HSV	266°, 5%, 100%
XYZ	87.8803, 89.9048, 107.3554
YIQ	244.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

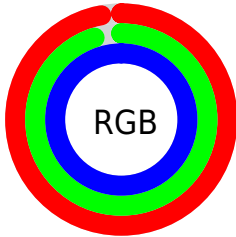
Format	Color
R _Y B	247, 241, 255
Decimal	16249343
CIE Lab	95.96, 4.53, -6.03
CIE LCh	96, 7.542, 306.906
Yxy	89.9048, 0.3082, 0.3153
Android (android.graphics.Color)	4294439423 (0xFFFF7F1FF)
YUV	244.3900, 5.2307, 2.2890
Hunter-Lab	94.8181, -0.4926, -0.7569

Details

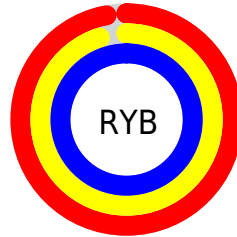
The Yxy color 89.9048, 0.3082, 0.3153 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9978, 0.3170, 0.3426, and the grayscale version is 90.7592, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.8515, 0.3077, 0.3129 is the 20% darker color. If you saturate the color by 10%, you get 73.3239, 0.2990, 0.2886, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

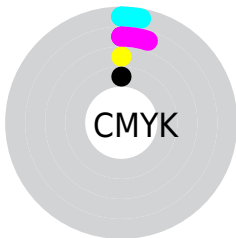
Distribution



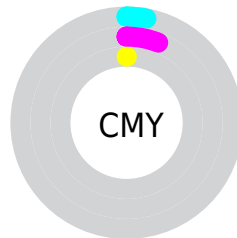
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9048, 0.3082, 0.3153 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 89.9048, 0.3082, 0.3153 by changing the saturation by 10% instead.

 89.9048, 0.3082,
0.3153

 89.9048, 0.3082,
0.3153


527.7211, 0.3102,
0.3214

 67.9017, 0.3077,
0.3140


147.2061, 0.3089,
0.3174

 49.8178, 0.3072,
0.3124


183.2732, 0.3092,
0.3182

 35.2686, 0.3065,
0.3104


224.7970, 0.3094,
0.3189

 23.8699, 0.3056,
0.3079

272.1619, 0.3096,
0.3195

 15.2371, 0.3044,
0.3046

325.7524, 0.3098,
0.3200

 8.9860, 0.3028,
0.3000

385.9528, 0.3100,

 4.7320, 0.3004,

0.3205

0.2934

453.1476, 0.3101,
0.3210

■ 2.0909, 0.2963,
0.2829

■ 0.6595, 0.2895,
0.2589

■ 89.9048, 0.3082,
0.3153

■ 89.9048, 0.3082,
0.3153

■ 73.3239, 0.2990,
0.2886

100.0000, 0.3127,
0.3290

■ 58.9663, 0.2883,
0.2599

■ 46.7356, 0.2761,
0.2295

■ 36.5261, 0.2627,
0.1986

■ 28.2230, 0.2482,
0.1683

■ 21.6994, 0.2333,
0.1403

■ 16.8124, 0.2186,
0.1163

■ 13.3957, 0.2049,
0.0976

■ 11.2449, 0.1929,
0.0851

Harmonies

Analogous

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



89.9048, 0.3009, 0.3148



89.9048, 0.3082, 0.3153



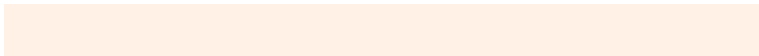
89.9048, 0.3168, 0.3193

Triad

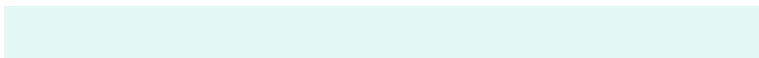
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9048, 0.3082, 0.3153



89.9048, 0.3289, 0.3397



89.9048, 0.3012, 0.3321

Complementary

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



89.9048, 0.3082, 0.3153



97.9978, 0.3170, 0.3426

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.



89.9048, 0.3085, 0.3390



89.9048, 0.3082, 0.3153



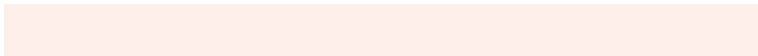
89.9048, 0.3245, 0.3434

Square

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



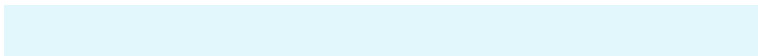
89.9048, 0.3082, 0.3153



89.9048, 0.3288, 0.3333



89.9048, 0.3171, 0.3432



89.9048, 0.2969, 0.3244

Rectangle

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



89.9048, 0.3082, 0.3153



89.9048, 0.3221, 0.3235



89.9048, 0.3171, 0.3432



89.9048, 0.3034, 0.3346

Sweetspot

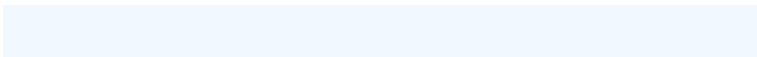
The Sweet Spot groups the original color and five complimentary colors.



89.9065, 0.3082, 0.3153



96.2446, 0.3111, 0.3241



93.7696, 0.3042, 0.3233



20.6397, 0.3112, 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.



89.9065, 0.3082, 0.3153



87.2655, 0.3069, 0.3115



91.1621, 0.3126, 0.3155



18.4548, 0.3064, 0.3099



5.6016, 0.1897, 0.0819



0.6085, 0.2023, 0.0888

Inverse Universe

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



90.9983, 0.3170, 0.3213



88.6476, 0.3183, 0.3192



96.7747, 0.3128, 0.3428



18.7753, 0.3188, 0.3183



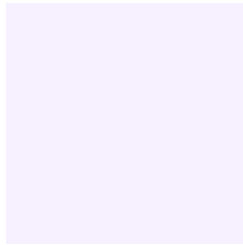
12.2015, 0.4680, 0.2352



1.2100, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 89.9048, 0.3082, 0.3153 looks on a white background.

Color Contrast Check

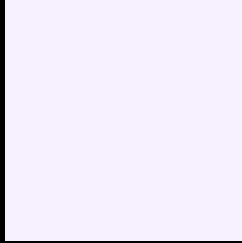
Large Text (above 18pt) WCAG AA × Fail

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 89.9048, 0.3082, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

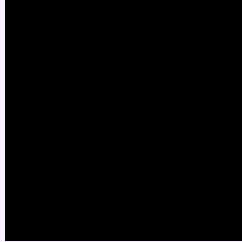
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

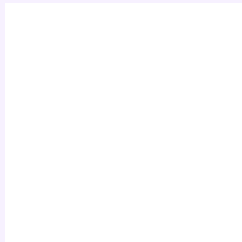
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9048, 0.3082, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 89.9048, 0.3082, 0.3153.



This preview shows how white text looks on a background with the Yxy color 89.9048, 0.3082, 0.3153.

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

89.9048, 0.3082, 0.3153

Protanopia

89.9574, 0.3062, 0.3163

Deuteranopia

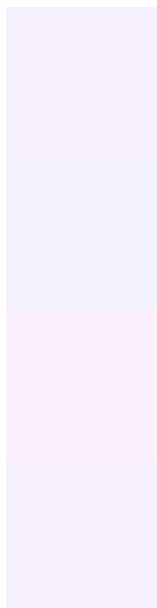
90.0213, 0.3153, 0.3165



Tritanopia

89.9048, 0.3082, 0.3153

Trichromacy



Original Color

89.9048, 0.3082, 0.3153

Protanomaly

90.1367, 0.3069, 0.3163

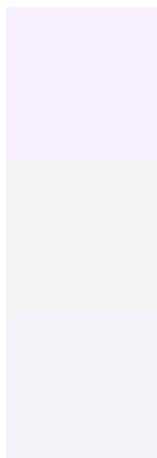
Deuteranomaly

90.1075, 0.3127, 0.3164

Tritanomaly

89.9048, 0.3082, 0.3153

Monochromacy



Original Color

89.9048, 0.3082, 0.3153

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 89.9048, 0.3082, 0.3153 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 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, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.9048, 0.3082, 0.3153 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, 241, 255) }
```

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

```
.border{ border-color:rgb(247, 241, 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, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9048, 0.3082, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 255) }
```

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

```
.background{ background-color: rgb(247,  
241, 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](#).

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