

Converting Colors

$Yxy(93.0801, 0.3089, 0.3208)$

Have a look what the booklet for
Yxy(93.0801, 0.3089, 0.3208)
contains.

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Color

Yxy(93.0880, 0.3087, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	F8F6FF
RGB	248, 246, 255
RGB Percent	97%, 96%, 100%
CMY	0.0274, 0.0353, 0.0001
CMYK	0.03, 0.04, 0.00, 0.00
HSL	253°, 99%, 98%
HSV	253°, 4%, 100%
XYZ	89.7167, 93.0880, 107.8228
YIQ	247.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

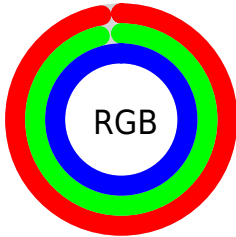
Format	Color
R_{YB}	248, 246, 255
Decimal	16316159
CIE Lab	97.26, 2.27, -4.07
CIE LCh	97, 4.657, 299.156
Yxy	93.0880, 0.3087, 0.3203
Android (android.graphics.Color)	4294506239 (0xFF8F6FF)
YUV	247.6240, 3.6364, 0.3298
Hunter-Lab	96.4821, -2.8603, 1.2784

Details

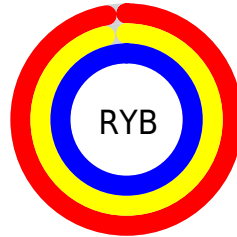
The Yxy color 93.0880, 0.3087, 0.3203 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99.0329, 0.3166, 0.3376, and the grayscale version is 93.5201, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.1106, 0.3083, 0.3191 is the 20% darker color. If you saturate the color by 10%, you get 75.2030, 0.2961, 0.2936, and if you desaturate by 10%, it is 99.9983, 0.3127, 0.3290.

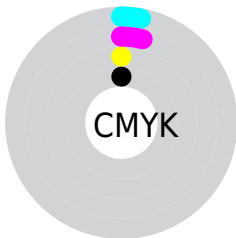
Distribution



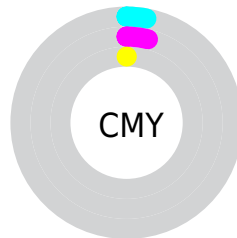
- Red (97%)
- Green (96%)
- Blue (100%)



- Red (97%)
- Yellow (96%)
- Blue (100%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.0880, 0.3087, 0.3203 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 93.0880, 0.3087, 0.3203 by changing the saturation by 10% instead.

 93.0880, 0.3087,
0.3203

 93.0880, 0.3087,
0.3203


538.0256, 0.3105,
0.3241

 70.5446, 0.3083,
0.3195


151.6204, 0.3093,
0.3216

 51.9707, 0.3078,
0.3184


188.3783, 0.3095,
0.3221

 36.9817, 0.3072,
0.3172


230.6432, 0.3098,
0.3226

 25.1933, 0.3065,
0.3156

278.7994, 0.3099,
0.3230

 16.2211, 0.3055,
0.3135

333.2313, 0.3101,
0.3233

 9.6808, 0.3041,
0.3107

394.3234, 0.3102,

 5.1878, 0.3021,

0.3236

0.3065

462.4601, 0.3104,
0.3239

■ 2.3579, 0.2989,
0.3000

■ 0.8041, 0.2930,
0.2875

■ 93.0880, 0.3087,
0.3203

■ 93.0880, 0.3087,
0.3203

■ 75.2030, 0.2961,
0.2936

99.9983, 0.3127,
0.3290

■ 59.7274, 0.2816,
0.2641

■ 46.5606, 0.2654,
0.2322

■ 35.5904, 0.2477,
0.1988

■ 26.6953, 0.2291,
0.1653

■ 19.7414, 0.2105,
0.1338

■ 14.5791, 0.1930,
0.1064

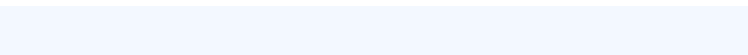
■ 11.0362, 0.1780,
0.0852

■ 8.9047, 0.1663,
0.0713

Harmonies

Analogous

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



93.0880, 0.3046, 0.3206



93.0880, 0.3087, 0.3203



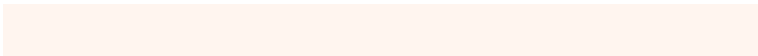
93.0880, 0.3139, 0.3222

Triad

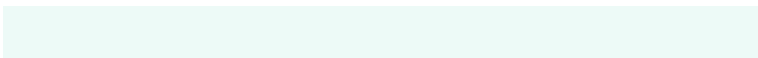
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0880, 0.3087, 0.3203



93.0880, 0.3228, 0.3347



93.0880, 0.3067, 0.3321

Complementary

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



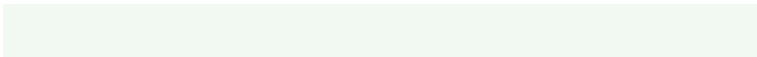
93.0880, 0.3087, 0.3203



99.0329, 0.3166, 0.3376

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.



93.0880, 0.3115, 0.3359



93.0880, 0.3087, 0.3203



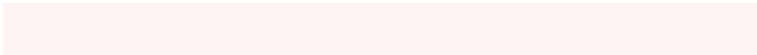
93.0880, 0.3208, 0.3374

Square

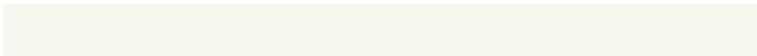
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



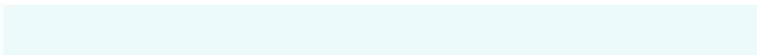
93.0880, 0.3087, 0.3203



93.0880, 0.3220, 0.3305



93.0880, 0.3167, 0.3379



93.0880, 0.3035, 0.3274

Rectangle

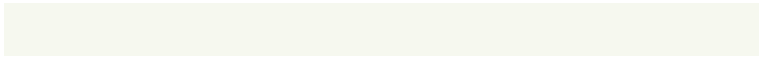
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



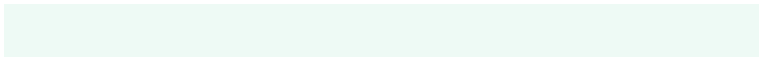
93.0880, 0.3087, 0.3203



93.0880, 0.3172, 0.3246



93.0880, 0.3167, 0.3379



93.0880, 0.3082, 0.3335

Sweetspot

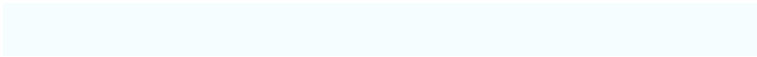
The Sweet Spot groups the original color and five complimentary colors.



93.0920, 0.3087, 0.3203



98.0104, 0.3116, 0.3266



97.0816, 0.3073, 0.3271



20.9992, 0.3117, 0.3267



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.



93.0920, 0.3087, 0.3203



92.1935, 0.3081, 0.3191



93.9092, 0.3115, 0.3204



19.4286, 0.3072, 0.3172



4.2828, 0.1618, 0.0665



0.4629, 0.1722, 0.0722

Inverse Universe

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



94.2591, 0.3143, 0.3223



93.5176, 0.3145, 0.3214



98.2134, 0.3139, 0.3377



19.7639, 0.3149, 0.3200



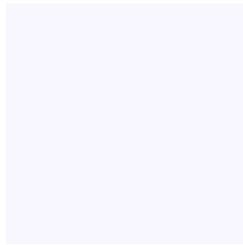
13.2599, 0.3874, 0.1908



1.3074, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 93.0880, 0.3087, 0.3203 looks on a white background.

Color Contrast Check

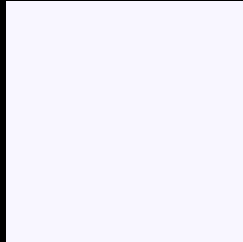
Large Text (above 18pt) WCAG AA × Fail

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 93.0880, 0.3087, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

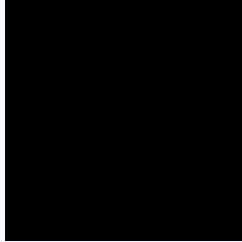
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

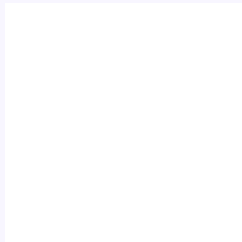
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0880, 0.3087, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 93.0880, 0.3087, 0.3203.

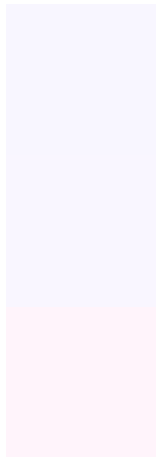


This preview shows how white text looks on a background with the Yxy color 93.0880, 0.3087, 0.3203.

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

93.0880, 0.3087, 0.3203

Protanopia

93.2713, 0.3093, 0.3203

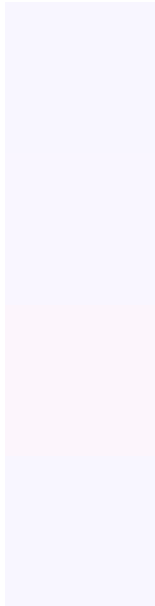
Deuteranopia

92.9264, 0.3156, 0.3223

Tritanopia

93.0880, 0.3087, 0.3203

Trichromacy



Original Color

93.0880, 0.3087, 0.3203

Protanomaly

93.2713, 0.3093, 0.3203

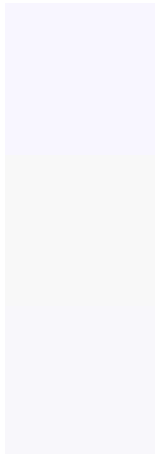
Deuteranomaly

93.0285, 0.3130, 0.3222

Tritanomaly

93.0880, 0.3087, 0.3203

Monochromacy



Original Color

93.0880, 0.3087, 0.3203

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.4430, 0.3110, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0880, 0.3087, 0.3203 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(248, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 246, 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(248, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 93.0880, 0.3087, 0.3203 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(248, 246, 255) }
```

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

```
.border{ border-color:rgb(248, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0880, 0.3087, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 246, 255) }
```

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

```
.background{ background-color: rgb(248,  
246, 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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