

Converting Colors

$Yxy(92.8188, 0.3096, 0.3195)$

Have a look what the booklet for
Yxy(92.8188, 0.3096, 0.3195)
contains.

Yxy(92.6646, 0.3093, 0.3193)	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(92.6646, 0.3093, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F9F5FF
RGB	249, 245, 255
RGB Percent	98%, 96%, 100%
CMY	0.0237, 0.0392, 0.0000
CMYK	0.02, 0.04, 0.00, 0.00
HSL	264°, 100%, 98%
HSV	264°, 4%, 100%
XYZ	89.7625, 92.6646, 107.7846
YIQ	247.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 245, 255
Decimal	16381439
CIE Lab	97.09, 3.09, -4.34
CIE LCh	97, 5.330, 305.481
Yxy	92.6646, 0.3093, 0.3193
Android (android.graphics.Color)	4294571519 (0xFF9F5FF)
YUV	247.3360, 3.7784, 1.4593
Hunter-Lab	96.2625, -2.0122, 0.9970

Details

The Yxy color 92.6646, 0.3093, 0.3193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.6323, 0.3160, 0.3386, and the grayscale version is 93.2659, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8099, 0.3092, 0.3179 is the 20% darker color. If you saturate the color by 10%, you get 75.5679, 0.2996, 0.2929, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6646, 0.3093, 0.3193 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 92.6646, 0.3093, 0.3193 by changing the saturation by 10% instead.


 92.6646, 0.3093,
0.3193

 92.6646, 0.3093,
0.3193


536.6611, 0.3108,
0.3236

 70.1928, 0.3090,
0.3184


151.0342, 0.3098,
0.3207

 51.6837, 0.3086,
0.3172


187.7007, 0.3100,
0.3213

 36.7530, 0.3080,
0.3158


229.8676, 0.3102,
0.3218

 25.0163, 0.3074,
0.3141

277.9192, 0.3104,
0.3223

 16.0892, 0.3065,
0.3117

332.2400, 0.3105,
0.3226

 9.5873, 0.3053,
0.3086

393.2143, 0.3106,

 5.1262, 0.3036,

0.3230

0.3040

461.2265, 0.3107,
0.3233

■ 2.3215, 0.3008,
0.2967

■ 0.7851, 0.2958,
0.2826

■ 92.6646, 0.3093,
0.3193

■ 92.6646, 0.3093,
0.3193

■ 75.5679, 0.2996,
0.2929

100.0000, 0.3127,
0.3290

■ 60.7356, 0.2884,
0.2642

■ 48.0720, 0.2757,
0.2337

■ 37.4716, 0.2616,
0.2023

■ 28.8199, 0.2464,
0.1713

■ 21.9911, 0.2307,
0.1422

■ 16.8436, 0.2153,
0.1169

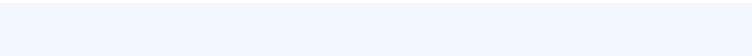
■ 13.2144, 0.2009,
0.0969

■ 10.9050, 0.1884,
0.0832

Harmonies

Analogous

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



92.6646, 0.3043, 0.3191



92.6646, 0.3093, 0.3193



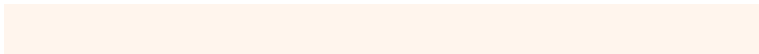
92.6646, 0.3153, 0.3220

Triad

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



92.6646, 0.3093, 0.3193



92.6646, 0.3241, 0.3364



92.6646, 0.3048, 0.3314

Complementary

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



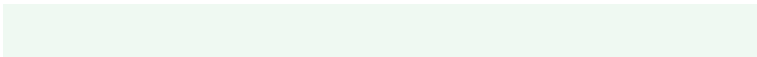
92.6646, 0.3093, 0.3193



98.6323, 0.3160, 0.3386

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.



92.6646, 0.3101, 0.3362



92.6646, 0.3093, 0.3193



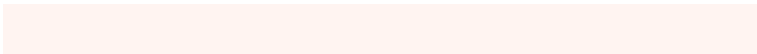
92.6646, 0.3212, 0.3390

Square

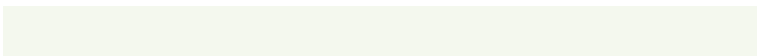
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



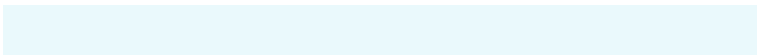
92.6646, 0.3093, 0.3193



92.6646, 0.3239, 0.3318



92.6646, 0.3161, 0.3390



92.6646, 0.3017, 0.3261

Rectangle

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



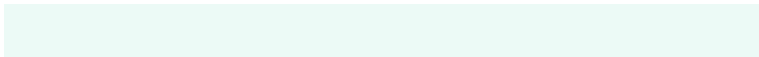
92.6646, 0.3093, 0.3193



92.6646, 0.3190, 0.3249



92.6646, 0.3161, 0.3390



92.6646, 0.3064, 0.3332

Sweetspot

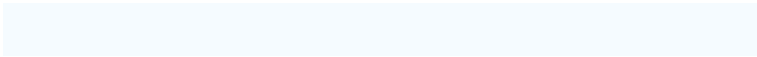
The Sweet Spot groups the original color and five complimentary colors.



92.6668, 0.3093, 0.3193



98.0926, 0.3119, 0.3266



95.7373, 0.3067, 0.3253



21.0160, 0.3119, 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.



92.6668, 0.3093, 0.3193



90.7004, 0.3083, 0.3166



93.5735, 0.3124, 0.3194



19.1440, 0.3077, 0.3148



5.2938, 0.1835, 0.0784



0.5767, 0.1960, 0.0854

Inverse Universe

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



93.5421, 0.3155, 0.3232



91.8127, 0.3163, 0.3216



97.7388, 0.3130, 0.3387



19.4147, 0.3169, 0.3205



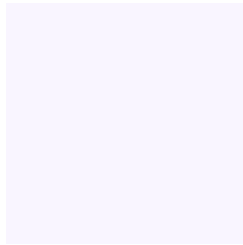
12.3611, 0.4525, 0.2267



1.2251, 0.4334, 0.2161

Previews

White Background



This preview shows how the Yxy color 92.6646, 0.3093, 0.3193 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 92.6646, 0.3093, 0.3193 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

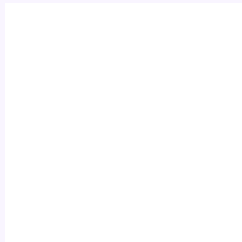
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6646, 0.3093, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 92.6646, 0.3093, 0.3193.

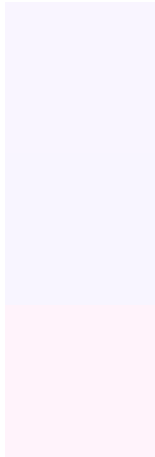


This preview shows how white text looks on a background with the Yxy color 92.6646, 0.3093, 0.3193.

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

92.6646, 0.3093, 0.3193

Protanopia

92.4813, 0.3087, 0.3193

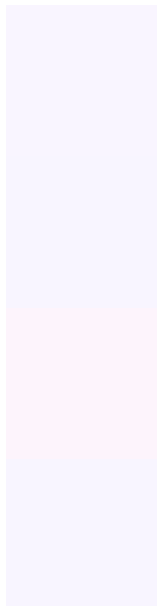
Deuteranopia

92.3262, 0.3157, 0.3213

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.6646, 0.3093, 0.3193

Protanomaly

92.4813, 0.3087, 0.3193

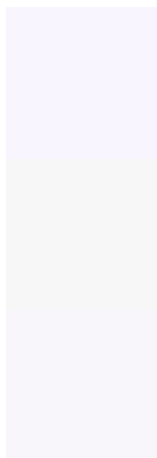
Deuteranomaly

92.6123, 0.3137, 0.3213

Tritanomaly

92.4813, 0.3087, 0.3193

Monochromacy



Original Color

92.6646, 0.3093, 0.3193

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.7701, 0.3116, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6646, 0.3093, 0.3193 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(249, 245, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 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(249, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.6646, 0.3093, 0.3193 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(249, 245, 255) }
```

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

```
.border{ border-color:rgb(249, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6646, 0.3093, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 255) }
```

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

```
.background{ background-color: rgb(249,  
245, 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