

Converting Colors

Yxy(91.4830, 0.3074, 0.3183)

Have a look what the booklet for
Yxy(91.4830, 0.3074, 0.3183)
contains.

Yxy(91.5142, 0.3075, 0.3183)	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(91.5142, 0.3075, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	F6F4FF
RGB	246, 244, 255
RGB Percent	96%, 96%, 100%
CMY	0.0352, 0.0431, 0.0001
CMYK	0.04, 0.04, 0.00, 0.00
HSL	251°, 99%, 98%
HSV	251°, 4%, 100%
XYZ	88.4091, 91.5142, 107.5860
YIQ	245.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

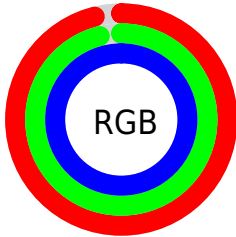
Format	Color
R _Y B	246, 244, 255
Decimal	16184575
CIE Lab	96.62, 2.64, -5.03
CIE LCh	97, 5.679, 297.715
Yxy	91.5142, 0.3075, 0.3183
Android (android.graphics.Color)	4294374655 (0xFF6F4FF)
YUV	245.8520, 4.5100, 0.1298
Hunter-Lab	95.6631, -2.4457, 0.2846

Details

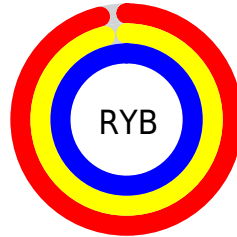
The Yxy color 91.5142, 0.3075, 0.3183 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98.9056, 0.3178, 0.3396, and the grayscale version is 92.0015, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.9908, 0.3068, 0.3166 is the 20% darker color. If you saturate the color by 10%, you get 73.6685, 0.2941, 0.2913, and if you desaturate by 10%, it is 99.9981, 0.3127, 0.3290.

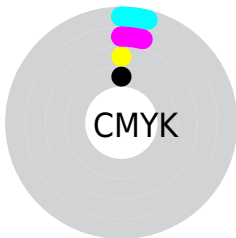
Distribution



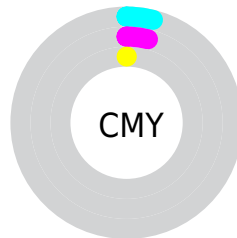
- Red (96%)
- Green (96%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5142, 0.3075, 0.3183 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 91.5142, 0.3075, 0.3183 by changing the saturation by 10% instead.


 91.5142, 0.3075,
0.3183

 91.5142, 0.3075,
0.3183


532.9443, 0.3098,
0.3230

 69.2372, 0.3070,
0.3173


149.4399, 0.3083,
0.3199

 50.9049, 0.3064,
0.3160

185.8574, 0.3086,
0.3205

 36.1329, 0.3056,
0.3145


227.7572, 0.3089,
0.3211

 24.5369, 0.3046,
0.3125

275.5237, 0.3091,
0.3216

 15.7324, 0.3033,
0.3099

329.5412, 0.3093,
0.3220

 9.3350, 0.3015,
0.3064

390.1942, 0.3095,

 4.9603, 0.2988,

0.3224

0.3012

457.8671, 0.3097,
0.3227

■ 2.2240, 0.2945,
0.2930

■ 0.7330, 0.2866,
0.2760

■ 91.5142, 0.3075,
0.3183

■ 91.5142, 0.3075,
0.3183

■ 73.6685, 0.2941,
0.2913

99.9981, 0.3127,
0.3290

■ 58.2616, 0.2787,
0.2613

■ 45.1905, 0.2616,
0.2289

■ 34.3401, 0.2430,
0.1950

■ 25.5853, 0.2237,
0.1612

■ 18.7888, 0.2047,
0.1294

■ 13.7962, 0.1872,
0.1022

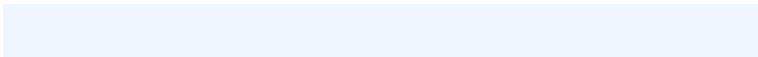
■ 10.4297, 0.1726,
0.0815

■ 8.4735, 0.1618,
0.0685

Harmonies

Analogous

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



91.5142, 0.3026, 0.3189



91.5142, 0.3075, 0.3183



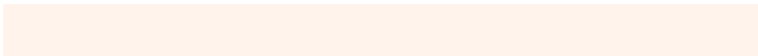
91.5142, 0.3138, 0.3206

Triad

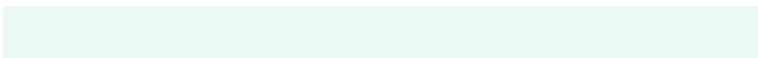
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5142, 0.3075, 0.3183



91.5142, 0.3251, 0.3357



91.5142, 0.3056, 0.3331

Complementary

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



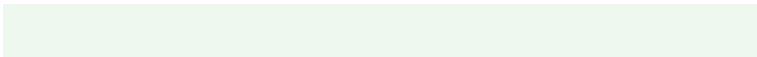
91.5142, 0.3075, 0.3183



98.9056, 0.3178, 0.3396

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.



91.5142, 0.3116, 0.3377



91.5142, 0.3075, 0.3183



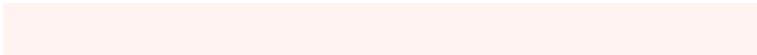
91.5142, 0.3229, 0.3392

Square

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



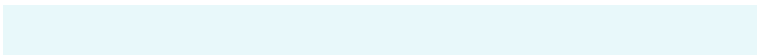
91.5142, 0.3075, 0.3183



91.5142, 0.3240, 0.3305



91.5142, 0.3179, 0.3400



91.5142, 0.3015, 0.3273

Rectangle

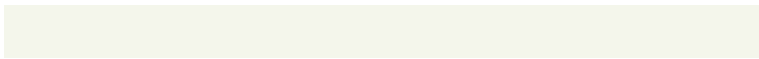
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



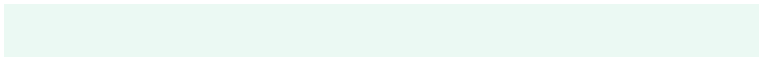
91.5142, 0.3075, 0.3183



91.5142, 0.3180, 0.3233



91.5142, 0.3179, 0.3400



91.5142, 0.3074, 0.3348

Sweetspot

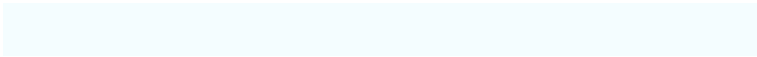
The Sweet Spot groups the original color and five complimentary colors.



91.5181, 0.3075, 0.3183



97.9915, 0.3115, 0.3266



96.6766, 0.3060, 0.3270



20.9954, 0.3116, 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.



91.5181, 0.3075, 0.3183



90.2144, 0.3066, 0.3165



92.5222, 0.3110, 0.3184



19.0262, 0.3057, 0.3147



4.1352, 0.1584, 0.0646



0.4438, 0.1679, 0.0699

Inverse Universe

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



93.0453, 0.3144, 0.3204



91.9825, 0.3147, 0.3190



97.8937, 0.3144, 0.3397



19.4560, 0.3150, 0.3176



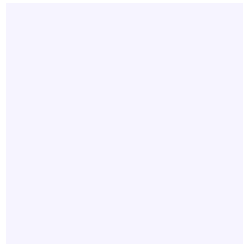
13.5074, 0.3741, 0.1834



1.3294, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 91.5142, 0.3075, 0.3183 looks on a white background.

Color Contrast Check

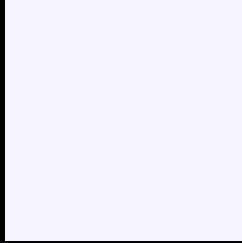
Large Text (above 18pt) WCAG AA × Fail

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 91.5142, 0.3075, 0.3183 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 91.5142, 0.3075, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 91.5142, 0.3075, 0.3183.

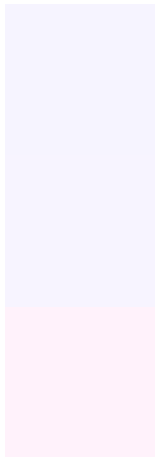


This preview shows how white text looks on a background with the Yxy color 91.5142, 0.3075, 0.3183.

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

91.5142, 0.3075, 0.3183

Protanopia

91.6955, 0.3081, 0.3183

Deuteranopia

91.7293, 0.3157, 0.3203

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.5142, 0.3075, 0.3183

Protanomaly

91.6955, 0.3081, 0.3183

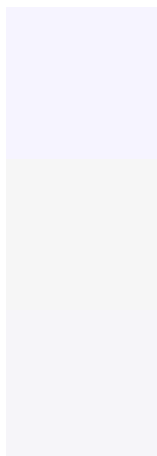
Deuteranomaly

91.8249, 0.3131, 0.3203

Tritanomaly

91.5142, 0.3075, 0.3183

Monochromacy



Original Color

91.5142, 0.3075, 0.3183

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.7372, 0.3110, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5142, 0.3075, 0.3183 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.5142, 0.3075, 0.3183 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, 244, 255) }
```

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

```
.border{ border-color:rgb(246, 244, 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, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5142, 0.3075, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 255) }
```

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

```
.background{ background-color: rgb(246,  
244, 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