

Converting Colors

$Yxy(81.3118, 0.2935, 0.3077)$

Have a look what the booklet for
Yxy(81.3118, 0.2935, 0.3077)
contains.

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Color

Yxy(81.1216, 0.2935, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	DFE9FE
RGB	223, 233, 254
RGB Percent	87%, 91%, 100%
CMY	0.1255, 0.0862, 0.0040
CMYK	0.12, 0.08, 0.00, 0.00
HSL	221°, 94%, 94%
HSV	221°, 12%, 100%
XYZ	77.4534, 81.1216, 105.3209
YIQ	232.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

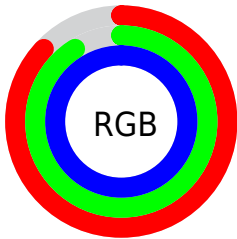
Format	Color
R _Y B	223, 231, 254
Decimal	14674430
CIE Lab	92.19, 0.70, -11.27
CIE LCh	92, 11.290, 273.576
Yxy	81.1216, 0.2935, 0.3074
Android (android.graphics.Color)	4292864510 (0xFFDFE9FE)
YUV	232.4040, 10.6468, -8.2473
Hunter-Lab	90.0675, -4.1174, -6.2837

Details

The Yxy color **81.1216, 0.2935, 0.3074** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.0668, 0.3322, 0.3497**, and the grayscale version is **80.9403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8003, 0.2897, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **68.1288, 0.2765, 0.2873**, and if you desaturate by 10%, it is **95.6736, 0.3094, 0.3253**.

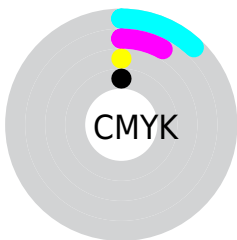
Distribution



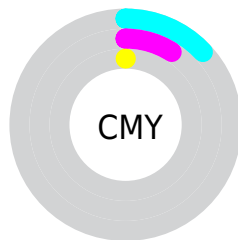
- Red (87%)
- Green (91%)
- Blue (100%)



- Red (87%)
- Yellow (91%)
- Blue (100%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1216, 0.2935, 0.3074 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 81.1216, 0.2935, 0.3074 by changing the saturation by 10% instead.

81.1216, 0.2935,
0.3074

81.1216, 0.2935,
0.3074

498.7047, 0.3022,
0.3172

60.6418, 0.2916,
0.3052

134.9415, 0.2965,
0.3107

43.9361, 0.2892,
0.3026

169.0503, 0.2977,
0.3121

30.6203, 0.2862,
0.2992

208.4710, 0.2987,
0.3132

20.3099, 0.2824,
0.2950

253.5878, 0.2995,
0.3142

12.6205, 0.2773,
0.2893

304.7852, 0.3003,
0.3151

7.1677, 0.2701,
0.2813

362.4475, 0.3010,

3.5672, 0.2594,

0.3158

0.2694

426.9592, 0.3016,
0.3165

■ 1.4346, 0.2416,
0.2498

■ 0.2420, 0.1602,
0.1568

■ 81.1216, 0.2935,
0.3074

■ 81.1216, 0.2935,
0.3074

■ 68.1288, 0.2765,
0.2873

■ 95.6736, 0.3094,
0.3253

■ 56.6312, 0.2587,
0.2650

99.9343, 0.3133,
0.3300

■ 46.5752, 0.2405,
0.2409

■ 37.8998, 0.2224,
0.2153

■ 30.5392, 0.2052,
0.1890

■ 24.4218, 0.1898,
0.1630

■ 19.4677, 0.1769,
0.1385

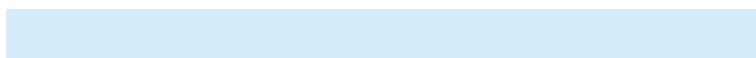
■ 15.5850, 0.1672,
0.1168

■ 13.2115, 0.1617,
0.1022

Harmonies

Analogous

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



81.1216, 0.2879, 0.3129



81.1216, 0.2935, 0.3074



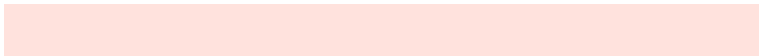
81.1216, 0.3042, 0.3076

Triad

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



81.1216, 0.2935, 0.3074



81.1216, 0.3373, 0.3342



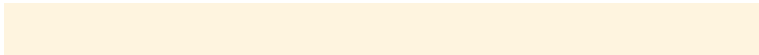
81.1216, 0.3076, 0.3456

Complementary

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



81.1216, 0.2935, 0.3074



91.0668, 0.3322, 0.3497

Split Complementary

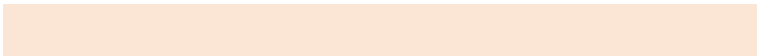
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1216, 0.3208, 0.3515



81.1216, 0.2935, 0.3074



81.1216, 0.3381, 0.3445

Square

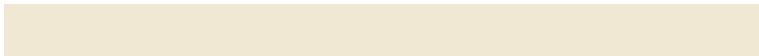
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1216, 0.2935, 0.3074



81.1216, 0.3296, 0.3228



81.1216, 0.3321, 0.3510



81.1216, 0.2959, 0.3351

Rectangle

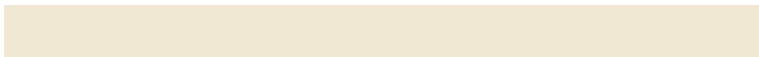
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1216, 0.2935, 0.3074



81.1216, 0.3130, 0.3108



81.1216, 0.3321, 0.3510



81.1216, 0.3120, 0.3482

Sweetspot

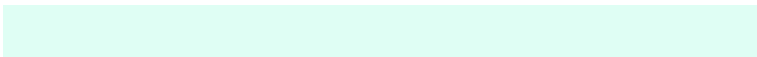
The Sweet Spot groups the original color and five complimentary colors.



81.1250, 0.2935, 0.3074



93.7924, 0.3066, 0.3223



93.0652, 0.2996, 0.3395



19.8317, 0.3054, 0.3210



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.



81.1250, 0.2935, 0.3074



78.0397, 0.2888, 0.3020



76.4426, 0.2967, 0.2972



18.3370, 0.2979, 0.3125



7.2028, 0.1625, 0.1050



0.8898, 0.1687, 0.1273

Inverse Universe

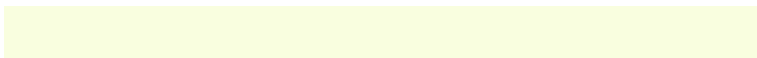
The Inverse Universe completely reimagines the original color for something new.



79.7196, 0.3280, 0.3191



76.4209, 0.3321, 0.3167



96.3011, 0.3277, 0.3596



18.0839, 0.3243, 0.3213



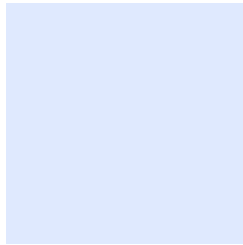
11.4551, 0.5684, 0.2905



1.1344, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 81.1216, 0.2935, 0.3074 looks on a white background.

Color Contrast Check

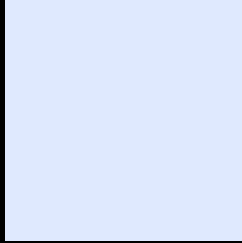
Large Text (above 18pt) WCAG AA × Fail

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 81.1216, 0.2935, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

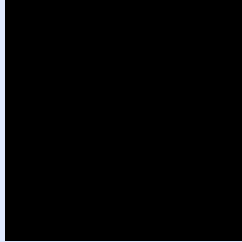
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

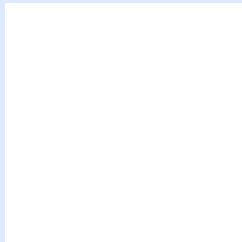
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1216, 0.2935, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 81.1216, 0.2935, 0.3074.



This preview shows how white text looks on a background with the Yxy color 81.1216, 0.2935, 0.3074.

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

81.1216, 0.2935, 0.3074

Protanopia

81.2326, 0.2992, 0.3066

Deuteranopia

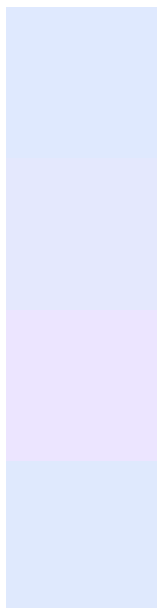
80.8458, 0.3066, 0.3002



Tritanopia

80.9941, 0.2947, 0.3094

Trichromacy



Original Color

81.1216, 0.2935, 0.3074

Protanomaly

81.2991, 0.2973, 0.3075

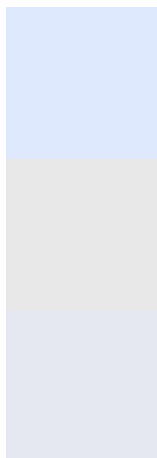
Deuteranomaly

81.0915, 0.3012, 0.3028

Tritanomaly

81.0577, 0.2941, 0.3084

Monochromacy



Original Color

81.1216, 0.2935, 0.3074

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.6625, 0.3057, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1216, 0.2935, 0.3074 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(223, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 254)  
}
```

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(223, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 254) }
```

Border

The CSS property to change the border of an element to Yxy 81.1216, 0.2935, 0.3074 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(223, 233, 254) }
```

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

```
.border{ border-color:rgb(223, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 233, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 233, 254); box-shadow:4px 4px 4px 4px rgb(223, 233, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1216, 0.2935, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 254) }
```

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

```
.background{ background-color: rgb(223,  
233, 254) }
```

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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