

Converting Colors

$Yxy(81.0902, 0.2959, 0.3104)$

Have a look what the booklet for
Yxy(81.0902, 0.2959, 0.3104)
contains.

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Color

Yxy(81.0902, 0.2959, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	E0E9FB
RGB	224, 233, 251
RGB Percent	88%, 91%, 98%
CMY	0.1214, 0.0863, 0.0156
CMYK	0.11, 0.07, 0.00, 0.02
HSL	220°, 77%, 93%
HSV	220°, 11%, 98%
XYZ	77.3022, 81.0902, 102.8518
YIQ	232.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

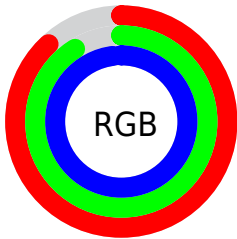
Format	Color
R _Y B	224, 231, 251
Decimal	14739963
CIE Lab	92.17, 0.46, -9.73
CIE LCh	92, 9.745, 272.706
Yxy	81.0902, 0.2959, 0.3104
Android (android.graphics.Color)	4292930043 (0xFFE0E9FB)
YUV	232.3610, 9.1890, -7.3326
Hunter-Lab	90.0501, -4.3570, -4.6837

Details

The Yxy color **81.0902, 0.2959, 0.3104** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.4344, 0.3298, 0.3469**, and the grayscale version is **80.9234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7743, 0.2927, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **68.3262, 0.2791, 0.2909**, and if you desaturate by 10%, it is **95.3553, 0.3116, 0.3278**.

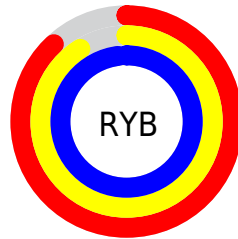
Distribution



Red (88%)

Green (91%)

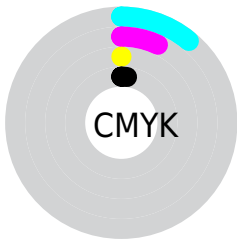
Blue (98%)



Red (88%)

Yellow (91%)

Blue (98%)

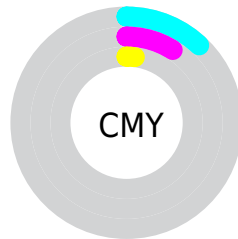


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (12%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0902, 0.2959, 0.3104 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 81.0902, 0.2959, 0.3104 by changing the saturation by 10% instead.

81.0902, 0.2959,
0.3104

81.0902, 0.2959,
0.3104

498.5993, 0.3035,
0.3188

60.6159, 0.2942,
0.3085

134.8974, 0.2985,
0.3133

43.9153, 0.2921,
0.3062

168.9991, 0.2995,
0.3144

30.6039, 0.2895,
0.3033

208.4121, 0.3004,
0.3154

20.2974, 0.2861,
0.2996

253.5206, 0.3012,
0.3163

12.6114, 0.2816,
0.2947

304.7093, 0.3019,
0.3170

7.1615, 0.2753,
0.2878

362.3623, 0.3025,

3.5633, 0.2658,

0.3177

0.2774

426.8642, 0.3030,
0.3183

■ 1.4324, 0.2500,
0.2601

■ 0.2404, 0.1685,
0.1690

■ 81.0902, 0.2959,
0.3104

■ 81.0902, 0.2959,
0.3104

■ 68.3262, 0.2791,
0.2909

■ 95.3553, 0.3116,
0.3278

■ 57.0023, 0.2615,
0.2692

■ 99.7457, 0.3150,
0.3328

■ 47.0680, 0.2434,
0.2457

■ 38.4657, 0.2253,
0.2206

■ 31.1336, 0.2081,
0.1947

■ 25.0043, 0.1924,
0.1688

■ 20.0028, 0.1792,
0.1442

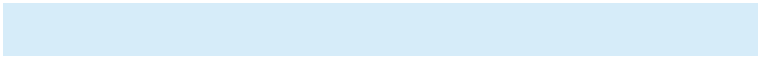
■ 16.0438, 0.1690,
0.1220

■ 13.2009, 0.1623,
0.1044

Harmonies

Analogous

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



81.0902, 0.2912, 0.3154



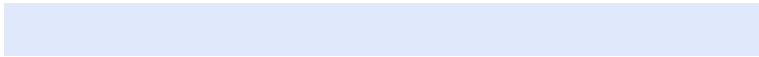
81.0902, 0.2959, 0.3104



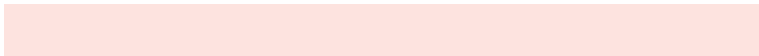
81.0902, 0.3051, 0.3104

Triad

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



81.0902, 0.2959, 0.3104



81.0902, 0.3338, 0.3333



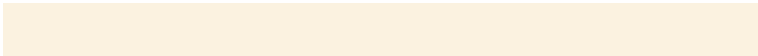
81.0902, 0.3087, 0.3435

Complementary

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



81.0902, 0.2959, 0.3104



89.4344, 0.3298, 0.3469

Split Complementary

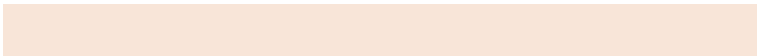
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0902, 0.3201, 0.3484



81.0902, 0.2959, 0.3104



81.0902, 0.3347, 0.3422

Square

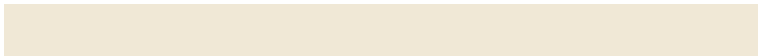
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0902, 0.2959, 0.3104



81.0902, 0.3270, 0.3234



81.0902, 0.3296, 0.3479



81.0902, 0.2985, 0.3346

Rectangle

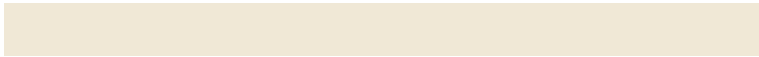
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



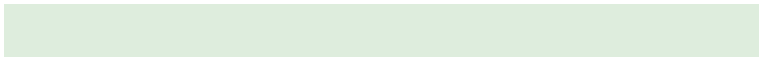
81.0902, 0.2959, 0.3104



81.0902, 0.3126, 0.3131



81.0902, 0.3296, 0.3479



81.0902, 0.3125, 0.3457

Sweetspot

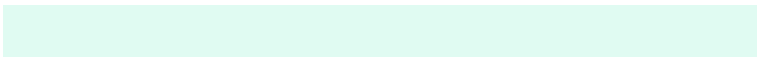
The Sweet Spot groups the original color and five complimentary colors.



81.0936, 0.2959, 0.3104



95.3603, 0.3082, 0.3240



91.2668, 0.3012, 0.3381



20.1508, 0.3069, 0.3227



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.



81.0936, 0.2959, 0.3104



80.9208, 0.2922, 0.3062



76.8811, 0.2987, 0.3012



17.5842, 0.2979, 0.3127



7.1758, 0.1632, 0.1073



0.8505, 0.1697, 0.1308

Inverse Universe

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



79.7276, 0.3258, 0.3201



79.2977, 0.3290, 0.3181



94.0711, 0.3258, 0.3558



17.3202, 0.3242, 0.3212



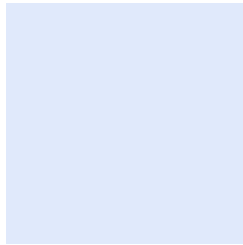
11.1353, 0.5650, 0.2886



1.0501, 0.5316, 0.2702

Previews

White Background



This preview shows how the Yxy color 81.0902, 0.2959, 0.3104 looks on a white background.

Color Contrast Check

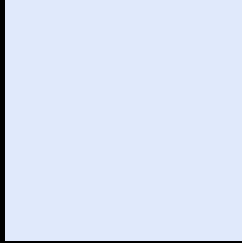
Large Text (above 18pt) WCAG AA × Fail

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 81.0902, 0.2959, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

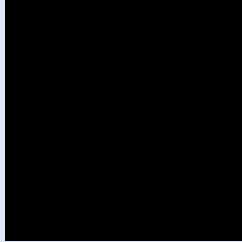
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

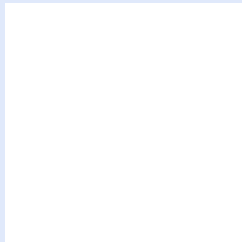
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0902, 0.2959, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 81.0902, 0.2959, 0.3104.

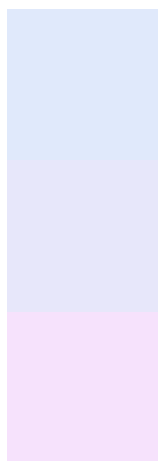


This preview shows how white text looks on a background with the Yxy color 81.0902, 0.2959, 0.3104.

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

81.0902, 0.2959, 0.3104

Protanopia

81.0429, 0.3010, 0.3096

Deuteranopia

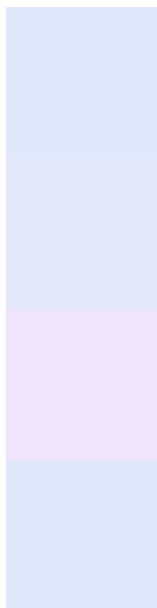
81.0138, 0.3098, 0.3032



Tritanopia

81.0902, 0.2959, 0.3104

Trichromacy



Original Color

81.0902, 0.2959, 0.3104

Protanomaly

81.1093, 0.2990, 0.3105

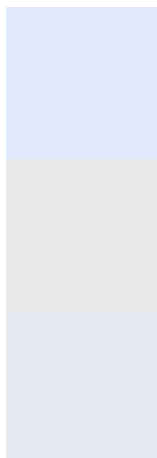
Deuteranomaly

81.2440, 0.3044, 0.3059

Tritanomaly

81.0902, 0.2959, 0.3104

Monochromacy



Original Color

81.0902, 0.2959, 0.3104

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.6032, 0.3064, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0902, 0.2959, 0.3104 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(224, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 251)  
}
```

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(224, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 251) }
```

Border

The CSS property to change the border of an element to Yxy 81.0902, 0.2959, 0.3104 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(224, 233, 251) }
```

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

```
.border{ border-color:rgb(224, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0902, 0.2959, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 251) }
```

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

```
.background{ background-color: rgb(224,  
233, 251) }
```

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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