

Converting Colors

$Yxy(80.8618, 0.2913, 0.3079)$

Have a look what the booklet for
Yxy(80.8618, 0.2913, 0.3079)
contains.

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Color

Yxy(81.0615, 0.2910, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	DBEAFE
RGB	219, 234, 254
RGB Percent	86%, 92%, 100%
CMY	0.1413, 0.0823, 0.0040
CMYK	0.14, 0.08, 0.00, 0.00
HSL	214°, 94%, 93%
HSV	214°, 14%, 100%
XYZ	76.5128, 81.0615, 105.3563
YIQ	231.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

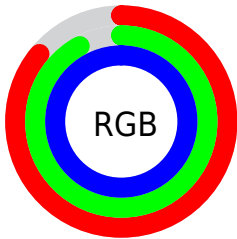
Format	Color
R _Y B	219, 230, 254
Decimal	14412542
CIE Lab	92.16, -1.08, -11.34
CIE LCh	92, 11.387, 264.563
Yxy	81.0615, 0.2910, 0.3083
Android (android.graphics.Color)	4292602622 (0xFFDBEAFE)
YUV	231.7950, 10.9471, -11.2212
Hunter-Lab	90.0342, -5.8670, -6.3561

Details

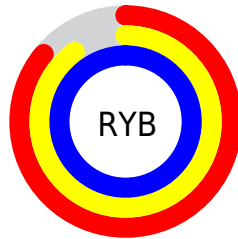
The Yxy color **81.0615, 0.2910, 0.3083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8614, 0.3355, 0.3489**, and the grayscale version is **80.4569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7645, 0.2865, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **69.5139, 0.2744, 0.2912**, and if you desaturate by 10%, it is **93.8901, 0.3069, 0.3236**.

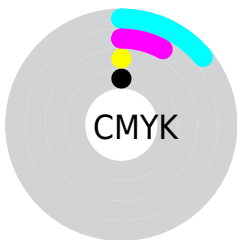
Distribution



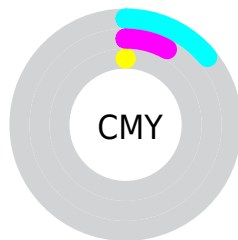
- Red (86%)
- Green (92%)
- Blue (100%)



- Red (86%)
- Yellow (90%)
- Blue (100%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0615, 0.2910, 0.3083 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 81.0615, 0.2910, 0.3083 by changing the saturation by 10% instead.

81.0615, 0.2910,
0.3083

81.0615, 0.2910,
0.3083

498.5030, 0.3008,
0.3177

60.5923, 0.2888,
0.3062

134.8571, 0.2944,
0.3115

43.8962, 0.2861,
0.3036

168.9523, 0.2957,
0.3128

30.5889, 0.2828,
0.3004

208.3582, 0.2968,
0.3139

20.2860, 0.2785,
0.2963

253.4593, 0.2978,
0.3148

12.6031, 0.2728,
0.2907

304.6399, 0.2987,
0.3157

7.1558, 0.2648,
0.2830

362.2845, 0.2995,

3.5597, 0.2528,

0.3164

0.2713

426.7774, 0.3002,
0.3171

■ 1.4305, 0.2332,
0.2520

■ 0.2390, 0.1343,
0.1598

■ 81.0615, 0.2910,
0.3083

■ 81.0615, 0.2910,
0.3083

■ 69.5139, 0.2744,
0.2912

■ 93.8901, 0.3069,
0.3236

■ 59.1939, 0.2573,
0.2724

99.9341, 0.3133,
0.3300

■ 50.0593, 0.2402,
0.2520

■ 42.0607, 0.2236,
0.2304

■ 35.1452, 0.2080,
0.2080

■ 29.2543, 0.1943,
0.1856

■ 24.3224, 0.1829,
0.1638

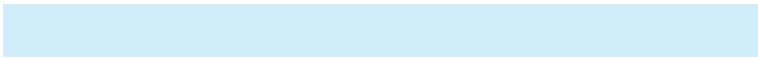
■ 20.2726, 0.1742,
0.1435

■ 18.1410, 0.1700,
0.1319

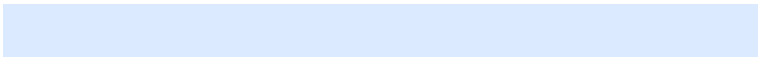
Harmonies

Analogous

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



81.0615, 0.2873, 0.3154



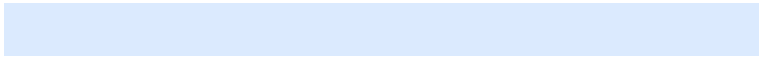
81.0615, 0.2910, 0.3083



81.0615, 0.3005, 0.3067

Triad

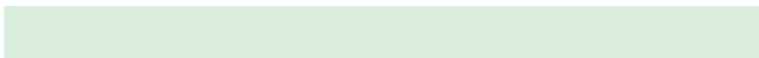
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0615, 0.2910, 0.3083



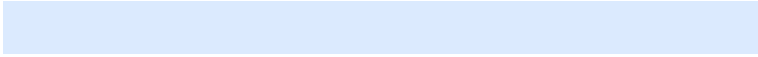
81.0615, 0.3358, 0.3308



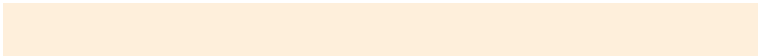
81.0615, 0.3116, 0.3482

Complementary

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



81.0615, 0.2910, 0.3083



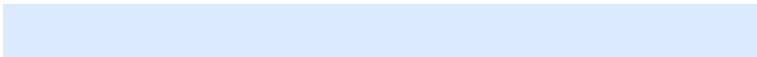
87.8614, 0.3355, 0.3489

Split Complementary

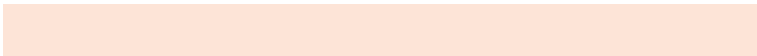
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0615, 0.3247, 0.3522



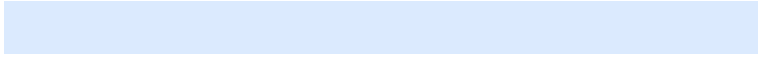
81.0615, 0.2910, 0.3083



81.0615, 0.3389, 0.3418

Square

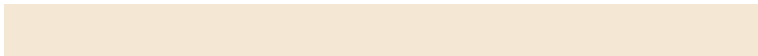
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0615, 0.2910, 0.3083



81.0615, 0.3264, 0.3196



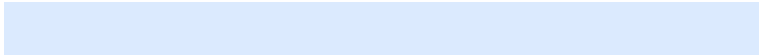
81.0615, 0.3347, 0.3498



81.0615, 0.2990, 0.3387

Rectangle

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



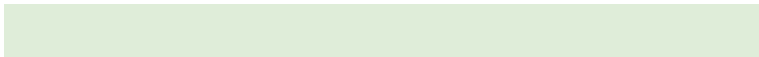
81.0615, 0.2910, 0.3083



81.0615, 0.3089, 0.3089



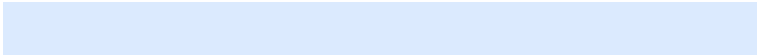
81.0615, 0.3347, 0.3498



81.0615, 0.3161, 0.3502

Sweetspot

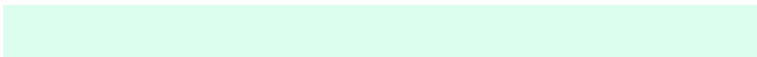
The Sweet Spot groups the original color and five complimentary colors.



81.0649, 0.2910, 0.3083



94.4635, 0.3066, 0.3233



92.1411, 0.2999, 0.3446



20.0013, 0.3054, 0.3222



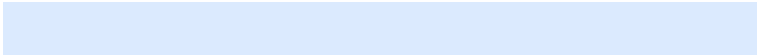
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0649, 0.2910, 0.3083



77.9228, 0.2857, 0.3030



73.2152, 0.2920, 0.2924



18.6625, 0.2979, 0.3151



9.8458, 0.1708, 0.1349



1.1705, 0.1769, 0.1569

Inverse Universe

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



77.6501, 0.3277, 0.3140



73.9019, 0.3319, 0.3104



96.6075, 0.3319, 0.3634



18.1168, 0.3226, 0.3188



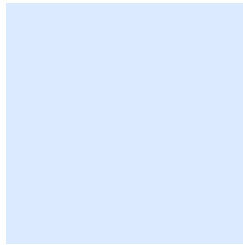
11.7219, 0.5260, 0.2671



1.1627, 0.4970, 0.2512

Previews

White Background



This preview shows how the Yxy color 81.0615, 0.2910, 0.3083 looks on a white background.

Color Contrast Check

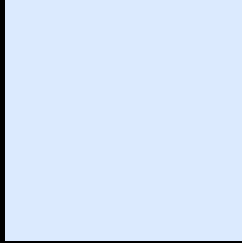
Large Text (above 18pt) WCAG AA × Fail

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 81.0615, 0.2910, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

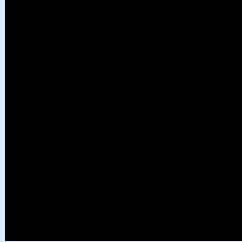
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

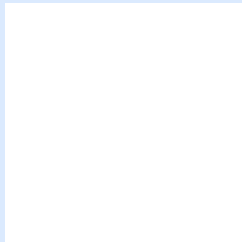
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0615, 0.2910, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 81.0615, 0.2910, 0.3083.



This preview shows how white text looks on a background with the Yxy color 81.0615, 0.2910, 0.3083.

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

81.0615, 0.2910, 0.3083

Protanopia

81.1690, 0.2998, 0.3076

Deuteranopia

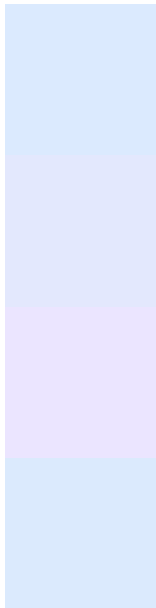
80.8458, 0.3066, 0.3002



Tritanopia

80.9976, 0.2916, 0.3093

Trichromacy



Original Color

81.0615, 0.2910, 0.3083

Protanomaly

81.1360, 0.2966, 0.3075

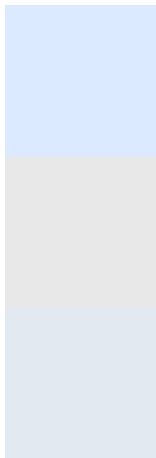
Deuteranomaly

80.9208, 0.3006, 0.3028

Tritanomaly

80.9976, 0.2916, 0.3093

Monochromacy



Original Color

81.0615, 0.2910, 0.3083

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.9000, 0.3044, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0615, 0.2910, 0.3083 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(219, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 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(219, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 254) }
```

Border

The CSS property to change the border of an element to Yxy 81.0615, 0.2910, 0.3083 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(219, 234, 254) }
```

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

```
.border{ border-color:rgb(219, 234, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0615, 0.2910, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 234, 254) }
```

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

```
.background{ background-color: rgb(219,  
234, 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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