

Converting Colors

$Yxy(81.0211, 0.2866, 0.3100)$

Have a look what the booklet for
Yxy(81.0211, 0.2866, 0.3100)
contains.

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Color

Yxy(81.1437, 0.2868, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	D4ECFE
RGB	212, 236, 254
RGB Percent	83%, 93%, 100%
CMY	0.1684, 0.0745, 0.0039
CMYK	0.17, 0.07, 0.00, 0.00
HSL	206°, 95%, 91%
HSV	206°, 17%, 100%
XYZ	75.0468, 81.1437, 105.4790
YIQ	230.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

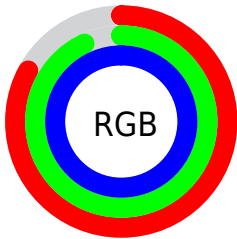
Format	Color
R _Y B	212, 227, 254
Decimal	13954302
CIE Lab	92.20, -4.23, -11.35
CIE LCh	92, 12.111, 249.576
Yxy	81.1437, 0.2868, 0.3101
Android (android.graphics.Color)	4292144382 (0xFFD4ECFE)
YUV	230.8760, 11.4001, -16.5543
Hunter-Lab	90.0798, -8.9287, -6.3698

Details

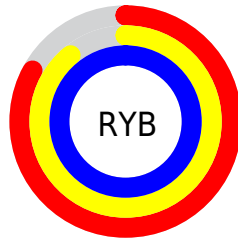
The Yxy color **81.1437, 0.2868, 0.3101** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.4576, 0.3414, 0.3472**, and the grayscale version is **79.7467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8418, 0.2812, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **71.5738, 0.2708, 0.2970**, and if you desaturate by 10%, it is **91.6976, 0.3026, 0.3219**.

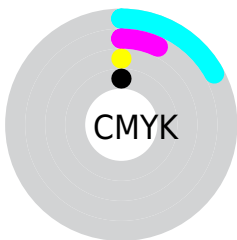
Distribution



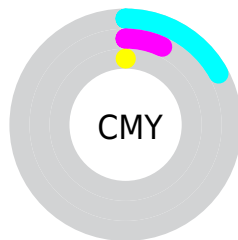
- Red (83%)
- Green (93%)
- Blue (100%)



- Red (83%)
- Yellow (89%)
- Blue (100%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1437, 0.2868, 0.3101 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 81.1437, 0.2868, 0.3101 by changing the saturation by 10% instead.

81.1437, 0.2868,
0.3101

81.1437, 0.2868,
0.3101

498.7789, 0.2985,
0.3187

60.6600, 0.2842,
0.3082

134.9725, 0.2908,
0.3131

43.9508, 0.2810,
0.3058

169.0864, 0.2924,
0.3142

30.6318, 0.2771,
0.3028

208.5124, 0.2937,
0.3152

20.3187, 0.2720,
0.2989

253.6350, 0.2949,
0.3161

12.6269, 0.2653,
0.2937

304.8386, 0.2960,
0.3169

7.1721, 0.2559,
0.2863

362.5075, 0.2969,

3.5700, 0.2420,

0.3176

0.2752

427.0261, 0.2977,
0.3182

■ 1.4361, 0.2193,
0.2565

■ 0.2431, 0.0893,
0.1697

■ 81.1437, 0.2868,
0.3101

■ 81.1437, 0.2868,
0.3101

■ 71.5738, 0.2708,
0.2970

■ 91.6976, 0.3026,
0.3219

■ 62.9435, 0.2548,
0.2828

99.9363, 0.3133,
0.3299

■ 55.2192, 0.2394,
0.2674

■ 48.3612, 0.2250,
0.2512

■ 42.3258, 0.2119,
0.2345

■ 37.0644, 0.2008,
0.2175

■ 32.5211, 0.1918,
0.2007

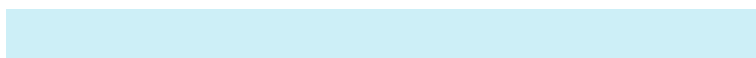
■ 28.6275, 0.1851,
0.1845

■ 27.3914, 0.1831,
0.1790

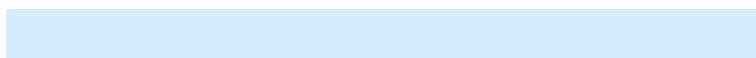
Harmonies

Analogous

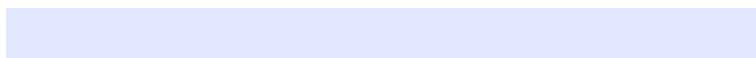
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1437, 0.2863, 0.3201



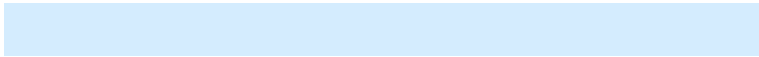
81.1437, 0.2868, 0.3101



81.1437, 0.2940, 0.3054

Triad

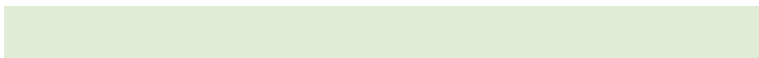
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1437, 0.2868, 0.3101



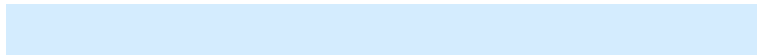
81.1437, 0.3330, 0.3247



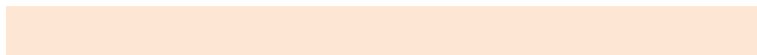
81.1437, 0.3186, 0.3524

Complementary

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



81.1437, 0.2868, 0.3101



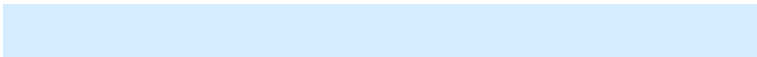
82.4576, 0.3414, 0.3472

Split Complementary

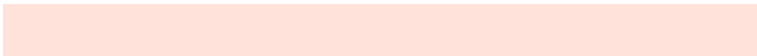
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1437, 0.3314, 0.3532



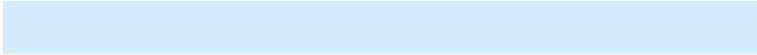
81.1437, 0.2868, 0.3101



81.1437, 0.3399, 0.3369

Square

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



81.1437, 0.2868, 0.3101



81.1437, 0.3206, 0.3139



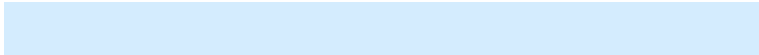
81.1437, 0.3393, 0.3474



81.1437, 0.3045, 0.3449

Rectangle

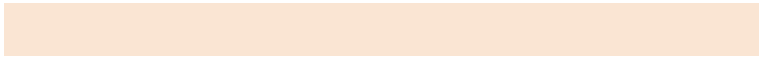
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1437, 0.2868, 0.3101



81.1437, 0.3019, 0.3057



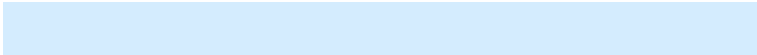
81.1437, 0.3393, 0.3474



81.1437, 0.3232, 0.3535

Sweetspot

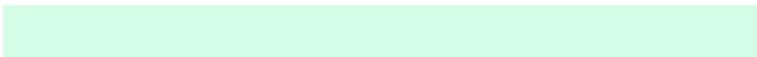
The Sweet Spot groups the original color and five complimentary colors.



81.1470, 0.2868, 0.3101



94.2183, 0.3050, 0.3236



90.5802, 0.3009, 0.3547



19.9971, 0.3039, 0.3229



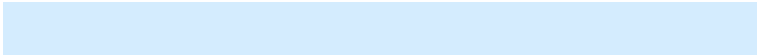
0.0000, 0.0000, 0.0000



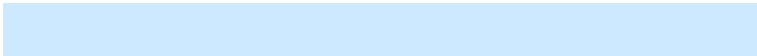
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1470, 0.2868, 0.3101



78.3934, 0.2812, 0.3057



70.0390, 0.2858, 0.2880



19.0987, 0.2979, 0.3185



14.7389, 0.1838, 0.1816



1.6521, 0.1889, 0.1999

Inverse Universe

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



74.2390, 0.3271, 0.3051



70.3348, 0.3307, 0.2999



94.5183, 0.3382, 0.3669



18.1608, 0.3204, 0.3155



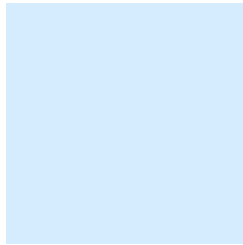
12.2159, 0.4666, 0.2344



1.2113, 0.4453, 0.2227

Previews

White Background



This preview shows how the Yxy color 81.1437, 0.2868, 0.3101 looks on a white background.

Color Contrast Check

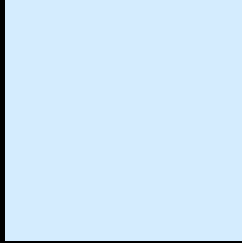
Large Text (above 18pt) WCAG AA × Fail

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 81.1437, 0.2868, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

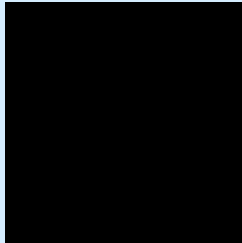
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

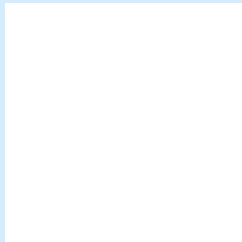
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1437, 0.2868, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 81.1437, 0.2868, 0.3101.



This preview shows how white text looks on a background with the Yxy color 81.1437, 0.2868, 0.3101.

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

81.1437, 0.2868, 0.3101

Protanopia

81.1058, 0.3004, 0.3086

Deuteranopia

80.6674, 0.3059, 0.3002



Tritanopia

81.2080, 0.2862, 0.3091

Trichromacy



Original Color

81.1437, 0.2868, 0.3101

Protanomaly

81.1534, 0.2953, 0.3094

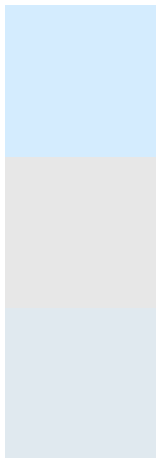
Deuteranomaly

80.9694, 0.2986, 0.3037

Tritanomaly

81.2080, 0.2862, 0.3091

Monochromacy



Original Color

81.1437, 0.2868, 0.3101

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.3571, 0.3030, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1437, 0.2868, 0.3101 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(212, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 236, 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(212, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 236, 254) }
```

Border

The CSS property to change the border of an element to Yxy 81.1437, 0.2868, 0.3101 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(212, 236, 254) }
```

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

```
.border{ border-color:rgb(212, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 236,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1437, 0.2868, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 236, 254) }
```

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

```
.background{ background-color: rgb(212,  
236, 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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