

Converting Colors

$Yxy(81.4573, 0.3044, 0.3428)$

Have a look what the booklet for
Yxy(81.4573, 0.3044, 0.3428)
contains.

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Color

Yxy(81.5201, 0.3042, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	D6EFE2
RGB	214, 239, 226
RGB Percent	84%, 94%, 89%
CMY	0.1609, 0.0627, 0.1136
CMYK	0.10, 0.00, 0.05, 0.06
HSL	149°, 44%, 89%
HSV	149°, 10%, 94%
XYZ	72.3197, 81.5201, 83.8975
YIQ	230.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

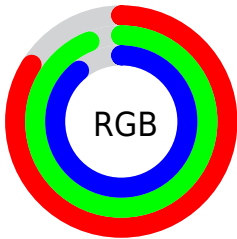
Format	Color
R_{YB}	214, 231, 239
Decimal	14086114
CIE Lab	92.36, -10.61, 3.48
CIE LCh	92, 11.168, 161.861
Yxy	81.5201, 0.3042, 0.3429
Android (android.graphics.Color)	4292276194 (0xFFD6EFE2)
YUV	230.0430, -1.9932, -14.0697
Hunter-Lab	90.2885, -15.0291, 8.1087

Details

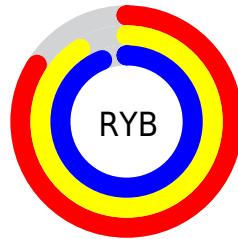
The Yxy color **81.5201, 0.3042, 0.3429** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9680, 0.3222, 0.3155**, and the grayscale version is **79.1836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1782, 0.3019, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **77.5326, 0.2963, 0.3578**, and if you desaturate by 10%, it is **86.0913, 0.3123, 0.3296**.

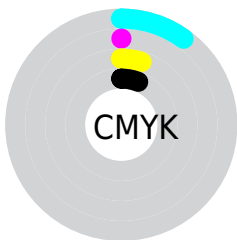
Distribution



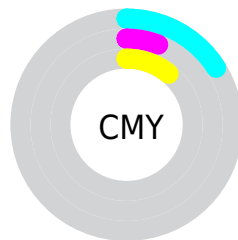
- Red (84%)
- Green (94%)
- Blue (89%)



- Red (84%)
- Yellow (91%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)





- Cyan (16%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.5201, 0.3042, 0.3429 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 81.5201, 0.3042, 0.3429 by changing the saturation by 10% instead.

 81.5201, 0.3042,
0.3429

 81.5201, 0.3042,
0.3429


500.0410, 0.3081,
0.3365

 60.9700, 0.3033,
0.3443


135.5008, 0.3055,
0.3407

 44.2010, 0.3022,
0.3461


169.7003, 0.3061,
0.3398

 30.8286, 0.3009,
0.3484


209.2183, 0.3065,
0.3391

 20.4683, 0.2991,
0.3513

254.4393, 0.3069,
0.3385

 12.7359, 0.2967,
0.3552

305.7477, 0.3073,
0.3379

 7.2470, 0.2933,
0.3609

363.5278, 0.3076,

 3.6170, 0.2880,

0.3374

0.3697

428.1642, 0.3079,
0.3369

■ 1.4617, 0.2788,
0.3851

■ 0.2616, 0.0000,
0.8625

■ 81.5201, 0.3042,
0.3429

■ 81.5201, 0.3042,
0.3429

■ 77.5326, 0.2963,
0.3578

■ 86.0913, 0.3123,
0.3296

■ 74.0943, 0.2889,
0.3742

■ 89.9531, 0.3160,
0.3176

■ 71.1833, 0.2823,
0.3921

■ 90.2208, 0.3134,
0.3136

■ 68.7717, 0.2767,
0.4113

■ 66.8291, 0.2727,
0.4314

■ 65.3219, 0.2704,
0.4519

■ 64.2113, 0.2701,
0.4723

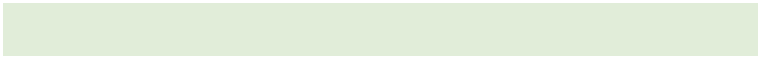
■ 63.4516, 0.2717,
0.4920

■ 62.9829, 0.2749,
0.5096

Harmonies

Analogous

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



81.5201, 0.3172, 0.3502



81.5201, 0.3042, 0.3429



81.5201, 0.2937, 0.3317

Triad

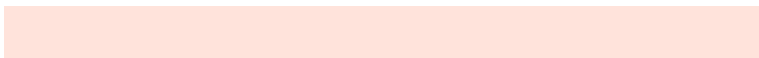
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5201, 0.3042, 0.3429



81.5201, 0.2962, 0.3071



81.5201, 0.3379, 0.3372

Complementary

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



81.5201, 0.3042, 0.3429



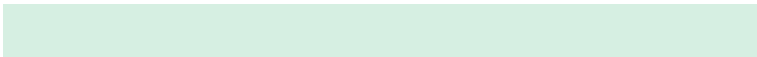
71.9680, 0.3222, 0.3155

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.



81.5201, 0.3321, 0.3259



81.5201, 0.3042, 0.3429



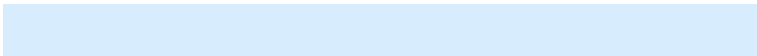
81.5201, 0.3079, 0.3089

Square

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



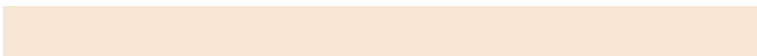
81.5201, 0.3042, 0.3429



81.5201, 0.2891, 0.3111



81.5201, 0.3210, 0.3157



81.5201, 0.3368, 0.3466

Rectangle

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



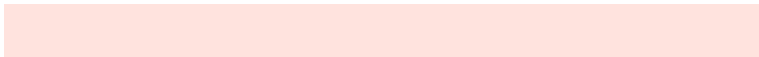
81.5201, 0.3042, 0.3429



81.5201, 0.2893, 0.3237



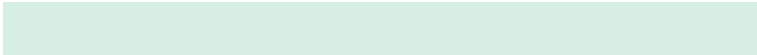
81.5201, 0.3210, 0.3157



81.5201, 0.3367, 0.3335

Sweetspot

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



81.5236, 0.3042, 0.3429



98.3252, 0.3103, 0.3328



82.9769, 0.3204, 0.3555



20.9521, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



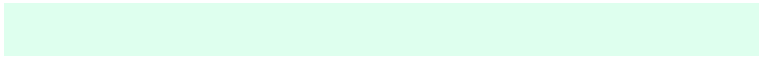
21.4041, 0.3127, 0.3290

Same Dimension

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



81.5236, 0.3042, 0.3429



93.1887, 0.3021, 0.3466



82.2143, 0.2971, 0.3298



17.7833, 0.3050, 0.3415



34.8276, 0.2741, 0.5067



2.9173, 0.2672, 0.4821

Inverse Universe

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



71.9680, 0.3222, 0.3155



79.6563, 0.3248, 0.3121



71.3210, 0.3307, 0.3282



15.8956, 0.3212, 0.3168



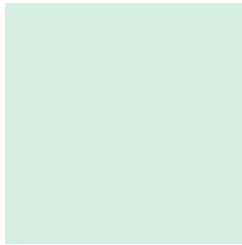
10.9694, 0.4882, 0.2463



0.9327, 0.4601, 0.2308

Previews

White Background



This preview shows how the Yxy color 81.5201, 0.3042, 0.3429 looks on a white background.

Color Contrast Check

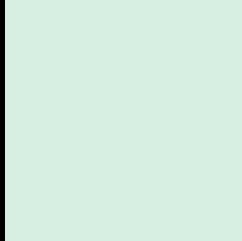
Large Text (above 18pt) WCAG AA × Fail

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 81.5201, 0.3042, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

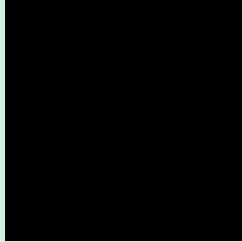
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

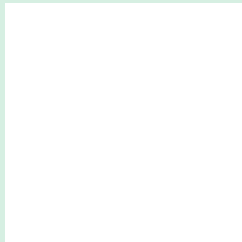
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5201, 0.3042, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 81.5201, 0.3042, 0.3429.

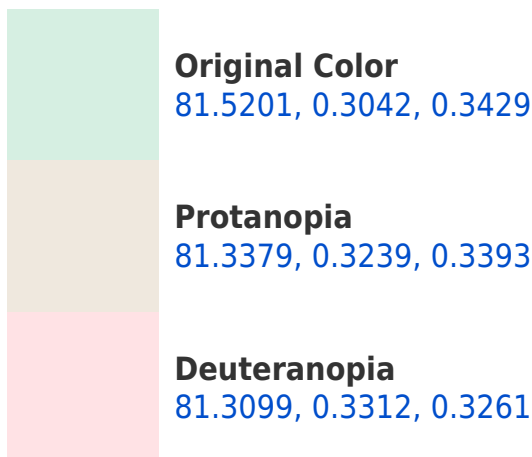


This preview shows how white text looks on a background with the Yxy color 81.5201, 0.3042, 0.3429.

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

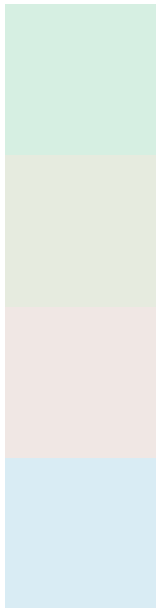




Tritanopia

81.6325, 0.2910, 0.3093

Trichromacy



Original Color

81.5201, 0.3042, 0.3429

Protanomaly

81.5674, 0.3168, 0.3416

Deuteranomaly

81.2785, 0.3208, 0.3321

Tritanomaly

81.2743, 0.2956, 0.3206

Monochromacy



Original Color

81.5201, 0.3042, 0.3429

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.7823, 0.3092, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5201, 0.3042, 0.3429 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(214, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(214, 239, 226)  
}
```

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(214, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 239, 226) }
```

Border

The CSS property to change the border of an element to Yxy 81.5201, 0.3042, 0.3429 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(214, 239, 226) }
```

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

```
.border{ border-color:rgb(214, 239, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 239, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 239, 226); box-shadow:4px 4px 4px 4px rgb(214, 239, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5201, 0.3042, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 239, 226) }
```

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

```
.background{ background-color: rgb(214,  
239, 226) }
```

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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