

Converting Colors

$Yxy(81.0942, 0.2909, 0.3369)$

Have a look what the booklet for
Yxy(81.0942, 0.2909, 0.3369)
contains.

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Color

Yxy(81.1305, 0.2909, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	C8F1EA
RGB	200, 241, 234
RGB Percent	78%, 95%, 92%
CMY	0.2158, 0.0548, 0.0825
CMYK	0.17, 0.00, 0.03, 0.05
HSL	170°, 59%, 86%
HSV	170°, 17%, 95%
XYZ	70.1155, 81.1305, 89.7835
YIQ	227.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

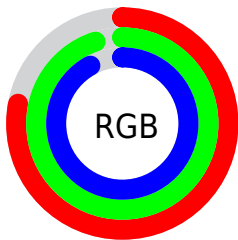
Format	Color
R _Y B	200, 222, 241
Decimal	13169130
CIE Lab	92.19, -14.55, -1.01
CIE LCh	92, 14.589, 183.979
Yxy	81.1305, 0.2909, 0.3366
Android (android.graphics.Color)	4291359210 (0xFFC8F1EA)
YUV	227.9430, 2.9861, -24.5060
Hunter-Lab	90.0725, -18.6764, 3.9510

Details

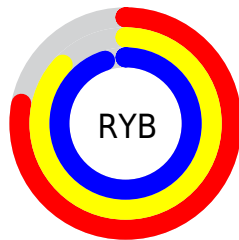
The Yxy color **81.1305, 0.2909, 0.3366** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.5022, 0.3400, 0.3216**, and the grayscale version is **77.5256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9320, 0.2859, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **77.8385, 0.2791, 0.3416**, and if you desaturate by 10%, it is **84.9578, 0.3035, 0.3320**.

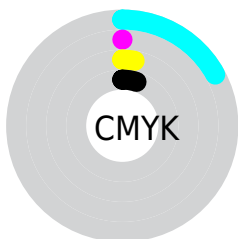
Distribution



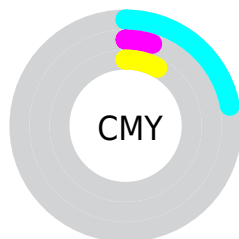
- Red (78%)
- Green (95%)
- Blue (92%)



- Red (78%)
- Yellow (87%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1305, 0.2909, 0.3366 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 81.1305, 0.2909, 0.3366 by changing the saturation by 10% instead.

81.1305, 0.2909,
0.3366

81.1305, 0.2909,
0.3366

498.7346, 0.3008,
0.3332

60.6491, 0.2887,
0.3374

134.9540, 0.2943,
0.3354

43.9420, 0.2860,
0.3383

169.0649, 0.2956,
0.3350

30.6249, 0.2826,
0.3394

208.4877, 0.2968,
0.3346

20.3134, 0.2782,
0.3409

253.6068, 0.2978,
0.3342

12.6231, 0.2724,
0.3429

304.8067, 0.2987,
0.3339

7.1695, 0.2642,
0.3456


362.4717, 0.2994,


3.5683, 0.2518,


0.3337


0.3497


426.9862, 0.3001,
0.3334


 1.4352, 0.2310,
0.3563

 0.2424, 0.0000,
0.4200


 81.1305, 0.2909,
0.3366

 81.1305, 0.2909,
0.3366


 77.8385, 0.2791,
0.3416


 84.9578, 0.3035,
0.3320


 75.0473, 0.2684,
0.3470


 89.3332, 0.3167,
0.3278


 72.7338, 0.2592,
0.3527


 90.8574, 0.3186,
0.3238

 70.8690, 0.2516,
0.3587


 91.1148, 0.3161,
0.3199


 69.4211, 0.2458,
0.3649

 91.3779, 0.3136,
0.3159

 68.3537, 0.2420,
0.3711

 91.4002, 0.3133,
0.3156

 67.6242, 0.2402,
0.3773

 67.1779, 0.2402,
0.3835

 67.0742, 0.2404,
0.3853

Harmonies

Analogous

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



81.1305, 0.3058, 0.3505



81.1305, 0.2909, 0.3366



81.1305, 0.2819, 0.3209

Triad

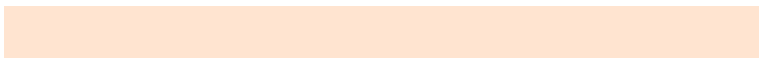
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1305, 0.2909, 0.3366



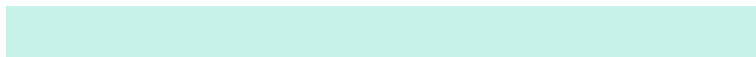
81.1305, 0.3019, 0.3016



81.1305, 0.3456, 0.3490

Complementary

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



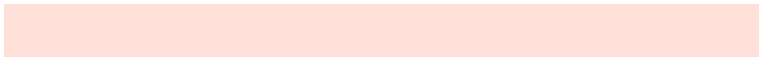
81.1305, 0.2909, 0.3366



64.5022, 0.3400, 0.3216

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.



81.1305, 0.3446, 0.3357



81.1305, 0.2909, 0.3366



81.1305, 0.3190, 0.3089

Square

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



81.1305, 0.2909, 0.3366



81.1305, 0.2881, 0.3011



81.1305, 0.3348, 0.3212



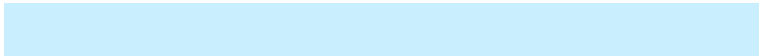
81.1305, 0.3375, 0.3574

Rectangle

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



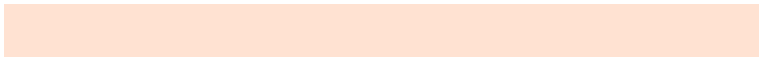
81.1305, 0.2909, 0.3366



81.1305, 0.2802, 0.3117



81.1305, 0.3348, 0.3212



81.1305, 0.3463, 0.3450

Sweetspot

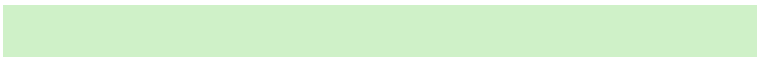
The Sweet Spot groups the original color and five complimentary colors.



81.1339, 0.2909, 0.3366



97.5214, 0.3061, 0.3311



80.4252, 0.3155, 0.3745



20.8018, 0.3052, 0.3314



0.0000, 0.0000, 0.0000



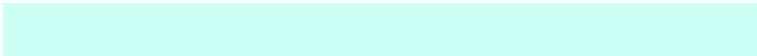
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1339, 0.2909, 0.3366



91.0264, 0.2872, 0.3381



74.1228, 0.2863, 0.3147



17.8797, 0.3004, 0.3331



36.3850, 0.2401, 0.3843



3.0391, 0.2378, 0.3761

Inverse Universe

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



64.5022, 0.3400, 0.3216



69.2373, 0.3459, 0.3202



70.4434, 0.3431, 0.3429



15.8031, 0.3266, 0.3250



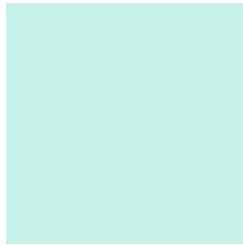
10.2426, 0.6145, 0.3159



0.8647, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 81.1305, 0.2909, 0.3366 looks on a white background.

Color Contrast Check

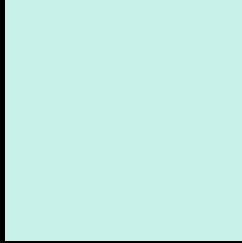
Large Text (above 18pt) WCAG AA × Fail

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 81.1305, 0.2909, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

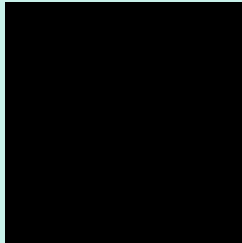
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

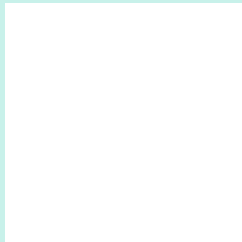
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1305, 0.2909, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 81.1305, 0.2909, 0.3366.

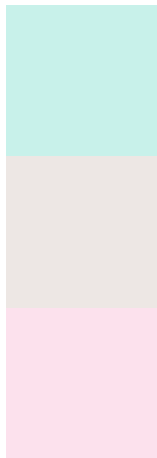


This preview shows how white text looks on a background with the Yxy color 81.1305, 0.2909, 0.3366.

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

81.1305, 0.2909, 0.3366

Protanopia

80.7578, 0.3187, 0.3321

Deuteranopia

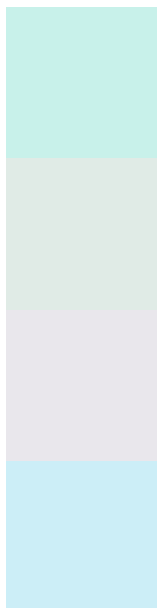
80.6603, 0.3238, 0.3171



Tritanopia

80.9102, 0.2827, 0.3100

Trichromacy



Original Color

81.1305, 0.2909, 0.3366

Protanomaly

80.9771, 0.3085, 0.3343

Deuteranomaly

80.5316, 0.3109, 0.3238

Tritanomaly

80.7018, 0.2859, 0.3193

Monochromacy



Original Color

81.1305, 0.2909, 0.3366

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.8964, 0.3046, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1305, 0.2909, 0.3366 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(200, 241, 234)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 234)  
}
```

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(200, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 234) }
```

Border

The CSS property to change the border of an element to Yxy 81.1305, 0.2909, 0.3366 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(200, 241, 234) }
```

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

```
.border{ border-color:rgb(200, 241, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1305, 0.2909, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 234) }
```

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

```
.background{ background-color: rgb(200,  
241, 234) }
```

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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