

Converting Colors

Yxy(80.8919, 0.2947, 0.3448)

Have a look what the booklet for
Yxy(80.8919, 0.2947, 0.3448)
contains.

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Color

Yxy(80.7360, 0.2949, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	C8F1E3
RGB	200, 241, 227
RGB Percent	78%, 95%, 89%
CMY	0.2154, 0.0549, 0.1098
CMYK	0.17, 0.00, 0.06, 0.05
HSL	159°, 59%, 86%
HSV	159°, 17%, 95%
XYZ	69.1520, 80.7360, 84.6051
YIQ	227.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

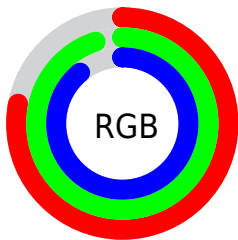
Format	Color
R_{YB}	200, 225, 241
Decimal	13169123
CIE _{Lab}	92.01, -15.88, 2.36
CIE _{LCh}	92, 16.050, 171.537
Yxy	80.7360, 0.2949, 0.3443
Android (android.graphics.Color)	4291359203 (0xFFC8F1E3)
YUV	227.1450, -0.0715, -23.8062
Hunter-Lab	89.8532, -19.8675, 7.0702

Details

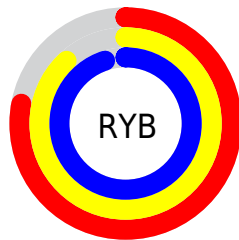
The Yxy color **80.7360, 0.2949, 0.3443** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8980, 0.3345, 0.3142**, and the grayscale version is **76.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7875, 0.2909, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **77.2327, 0.2851, 0.3546**, and if you desaturate by 10%, it is **84.7908, 0.3053, 0.3350**.

Distribution



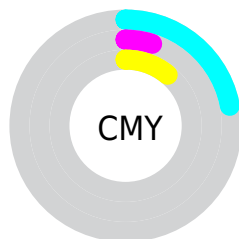
- Red (78%)
- Green (95%)
- Blue (89%)



- Red (78%)
- Yellow (88%)
- Blue (95%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)




- Cyan (22%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.7360, 0.2949, 0.3443 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 80.7360, 0.2949, 0.3443 by changing the saturation by 10% instead.


 80.7360, 0.2949,
0.3443

 80.7360, 0.2949,
0.3443


497.4098, 0.3030,
0.3373

 60.3242, 0.2931,
0.3459


134.4000, 0.2977,
0.3419

 43.6800, 0.2908,
0.3478


168.4210, 0.2988,
0.3409

 30.4190, 0.2880,
0.3503


207.7472, 0.2997,
0.3401

 20.1568, 0.2843,
0.3535

252.7630, 0.3006,
0.3394

 12.5091, 0.2794,
0.3579

303.8527, 0.3013,
0.3388

 7.0914, 0.2724,
0.3641


361.4008, 0.3019,


 3.5193, 0.2617,

0.3382

0.3738

425.7917, 0.3025,
0.3377


 1.4085, 0.2433,
0.3907


 0.2230, 0.0000,
0.7417


 80.7360, 0.2949,
0.3443


 80.7360, 0.2949,
0.3443


 77.2327, 0.2851,
0.3546

 84.7908, 0.3053,
0.3350


 74.2462, 0.2762,
0.3657


 89.4103, 0.3160,
0.3266


 71.7531, 0.2685,
0.3777

 91.1756, 0.3153,
0.3187

 69.7243, 0.2624,
0.3903


 91.3849, 0.3133,
0.3156

 68.1275, 0.2580,
0.4034

 66.9261, 0.2556,
0.4167

 66.0775, 0.2552,
0.4300

 65.5266, 0.2568,
0.4431

 65.3927, 0.2575,
0.4470

Harmonies

Analogous

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



80.7360, 0.3129, 0.3573



80.7360, 0.2949, 0.3443



80.7360, 0.2819, 0.3271

Triad

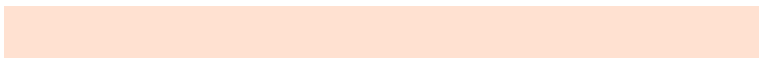
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7360, 0.2949, 0.3443



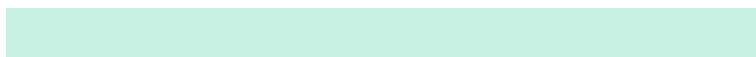
80.7360, 0.2938, 0.2977



80.7360, 0.3498, 0.3453

Complementary

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



80.7360, 0.2949, 0.3443



64.8980, 0.3345, 0.3142

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.



80.7360, 0.3444, 0.3296



80.7360, 0.2949, 0.3443



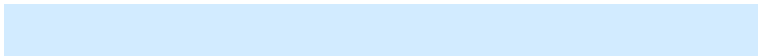
80.7360, 0.3117, 0.3028

Square

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



80.7360, 0.2949, 0.3443



80.7360, 0.2813, 0.3005



80.7360, 0.3303, 0.3143



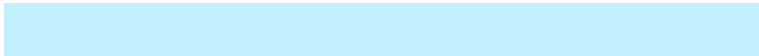
80.7360, 0.3448, 0.3573

Rectangle

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



80.7360, 0.2949, 0.3443



80.7360, 0.2776, 0.3159



80.7360, 0.3303, 0.3143



80.7360, 0.3491, 0.3403

Sweetspot

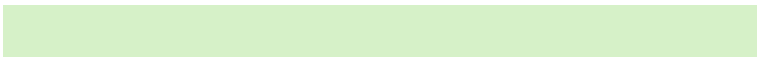
The Sweet Spot groups the original color and five complimentary colors.



80.7394, 0.2949, 0.3443



97.3838, 0.3074, 0.3332



81.4334, 0.3200, 0.3737



20.7683, 0.3066, 0.3339



0.0000, 0.0000, 0.0000



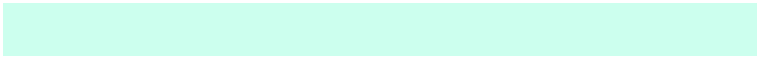
21.4041, 0.3127, 0.3290

Same Dimension

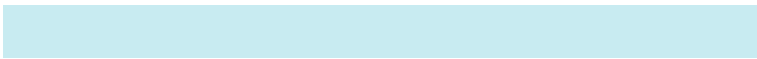
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7394, 0.2949, 0.3443



90.5043, 0.2918, 0.3474



77.9712, 0.2867, 0.3223



17.8317, 0.3026, 0.3372



35.4905, 0.2569, 0.4449



2.9711, 0.2521, 0.4277

Inverse Universe

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



64.8980, 0.3345, 0.3142



69.6900, 0.3393, 0.3114



67.1148, 0.3442, 0.3357



15.8481, 0.3239, 0.3209



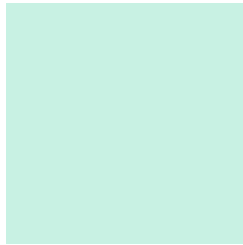
10.4977, 0.5607, 0.2862



0.8913, 0.5239, 0.2660

Previews

White Background



This preview shows how the Yxy color 80.7360, 0.2949, 0.3443 looks on a white background.

Color Contrast Check

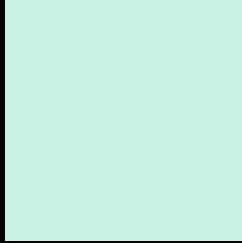
Large Text (above 18pt) WCAG AA × Fail

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 80.7360, 0.2949, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

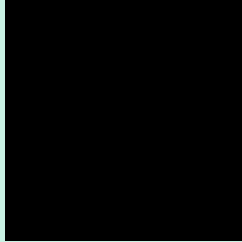
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

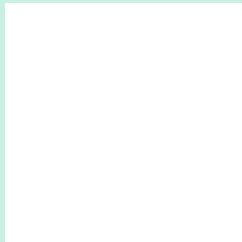
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7360, 0.2949, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 80.7360, 0.2949, 0.3443.

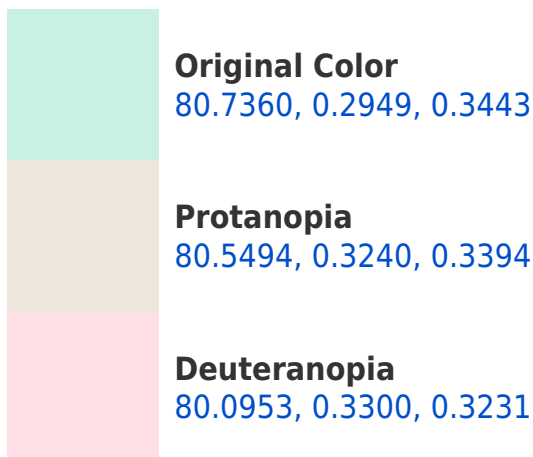


This preview shows how white text looks on a background with the Yxy color 80.7360, 0.2949, 0.3443.

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

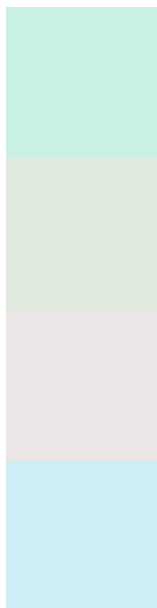




Tritanopia

80.9102, 0.2827, 0.3100

Trichromacy



Original Color

80.7360, 0.2949, 0.3443

Protanomaly

80.5917, 0.3128, 0.3417

Deuteranomaly

79.7432, 0.3161, 0.3300

Tritanomaly

80.5790, 0.2870, 0.3214

Monochromacy



Original Color

80.7360, 0.2949, 0.3443

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.0110, 0.3057, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7360, 0.2949, 0.3443 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 227) }
```

Border

The CSS property to change the border of an element to Yxy 80.7360, 0.2949, 0.3443 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, 227) }
```

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

```
.border{ border-color:rgb(200, 241, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7360, 0.2949, 0.3443 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, 227) }
```

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

```
.background{ background-color: rgb(200,  
241, 227) }
```

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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