

Converting Colors

Yxy(80.0862, 0.3022, 0.3442)

Have a look what the booklet for
Yxy(80.0862, 0.3022, 0.3442)
contains.

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Color

Yxy(80.0862, 0.3022, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	D1EEE0
RGB	209, 238, 224
RGB Percent	82%, 93%, 88%
CMY	0.1806, 0.0666, 0.1216
CMYK	0.12, 0.00, 0.06, 0.07
HSL	151°, 46%, 88%
HSV	151°, 12%, 93%
XYZ	70.3139, 80.0862, 82.2733
YIQ	227.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

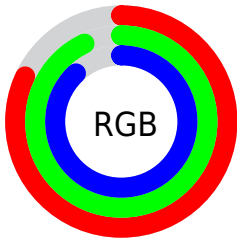
Format	Color
R _Y B	209, 228, 238
Decimal	13758176
CIE Lab	91.72, -12.12, 3.57
CIE LCh	92, 12.632, 163.602
Yxy	80.0862, 0.3022, 0.3442
Android (android.graphics.Color)	4291948256 (0xFFD1EEE0)
YUV	227.7330, -1.8404, -16.4288
Hunter-Lab	89.4909, -16.3598, 8.1354

Details

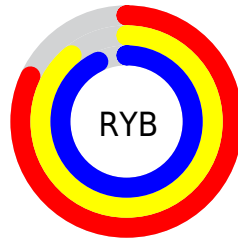
The Yxy color **80.0862, 0.3022, 0.3442** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0853, 0.3247, 0.3143**, and the grayscale version is **77.3952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.1905, 0.2994, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **76.2722, 0.2939, 0.3582**, and if you desaturate by 10%, it is **84.4676, 0.3108, 0.3316**.

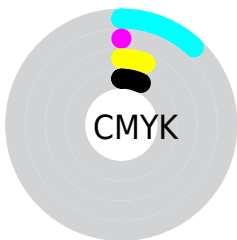
Distribution



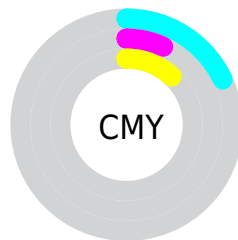
- Red (82%)
- Green (93%)
- Blue (88%)



- Red (82%)
- Yellow (89%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)




- Cyan (18%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.0862, 0.3022, 0.3442 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 80.0862, 0.3022, 0.3442 by changing the saturation by 10% instead.


 80.0862, 0.3022,
0.3442

 80.0862, 0.3022,
0.3442


495.2233, 0.3070,
0.3372

 59.7893, 0.3011,
0.3458


133.4869, 0.3039,
0.3418

 43.2488, 0.2998,
0.3478


167.3595, 0.3045,
0.3408

 30.0804, 0.2981,
0.3502


206.5261, 0.3051,
0.3400

 19.8996, 0.2958,
0.3535

251.3712, 0.3056,
0.3393

 12.3221, 0.2928,
0.3579

302.2790, 0.3060,
0.3387

 6.9634, 0.2885,
0.3642

359.6340, 0.3064,

 3.4392, 0.2819,

0.3381

0.3741

423.8207, 0.3067,
0.3377

■ 1.3651, 0.2702,
0.3918

■ 0.1908, 0.0000,
1.0000

■ 80.0862, 0.3022,
0.3442

■ 80.0862, 0.3022,
0.3442

■ 76.2722, 0.2939,
0.3582

■ 84.4676, 0.3108,
0.3316

■ 72.9917, 0.2862,
0.3737

■ 89.1317, 0.3184,
0.3204

■ 70.2226, 0.2793,
0.3905

■ 89.6388, 0.3135,
0.3127

■ 67.9373, 0.2737,
0.4084

■ 66.1054, 0.2696,
0.4271

■ 64.6931, 0.2674,
0.4463

■ 63.6613, 0.2672,
0.4653

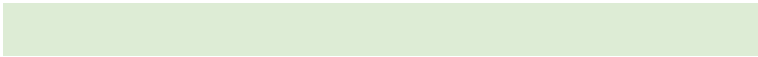
■ 62.9634, 0.2690,
0.4837

■ 62.5947, 0.2715,
0.4973

Harmonies

Analogous

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



80.0862, 0.3169, 0.3529



80.0862, 0.3022, 0.3442



80.0862, 0.2905, 0.3312

Triad

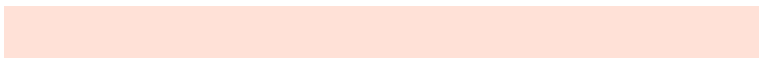
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0862, 0.3022, 0.3442



80.0862, 0.2946, 0.3041



80.0862, 0.3416, 0.3389

Complementary

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



80.0862, 0.3022, 0.3442



69.0853, 0.3247, 0.3143

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.



80.0862, 0.3353, 0.3262



80.0862, 0.3022, 0.3442



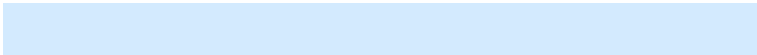
80.0862, 0.3080, 0.3065

Square

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



80.0862, 0.3022, 0.3442



80.0862, 0.2862, 0.3082



80.0862, 0.3229, 0.3145



80.0862, 0.3398, 0.3494

Rectangle

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



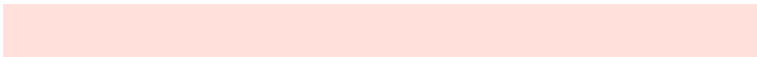
80.0862, 0.3022, 0.3442



80.0862, 0.2859, 0.3222



80.0862, 0.3229, 0.3145



80.0862, 0.3403, 0.3348

Sweetspot

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



80.0896, 0.3022, 0.3442



97.8037, 0.3092, 0.3338



81.4483, 0.3206, 0.3601



20.8482, 0.3086, 0.3347



0.0000, 0.0000, 0.0000



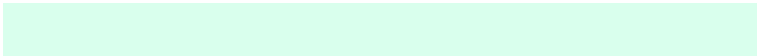
21.4041, 0.3127, 0.3290

Same Dimension

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



80.0896, 0.3022, 0.3442



92.3218, 0.2998, 0.3481



80.6000, 0.2940, 0.3284



17.7931, 0.3045, 0.3406



34.9423, 0.2707, 0.4946



2.9270, 0.2642, 0.4712

Inverse Universe

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



69.0853, 0.3247, 0.3143



76.7664, 0.3279, 0.3107



68.5985, 0.3348, 0.3296



15.8859, 0.3218, 0.3177



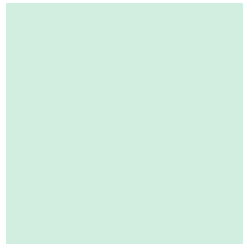
10.8546, 0.5034, 0.2547



0.9230, 0.4730, 0.2379

Previews

White Background



This preview shows how the Yxy color 80.0862, 0.3022, 0.3442 looks on a white background.

Color Contrast Check

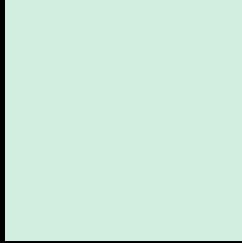
Large Text (above 18pt) WCAG AA × Fail

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 80.0862, 0.3022, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

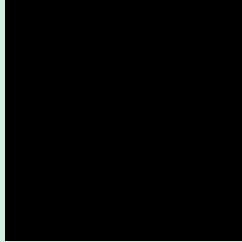
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

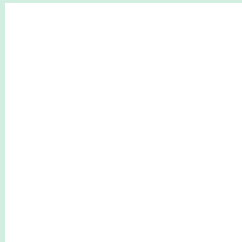
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.0862, 0.3022, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 80.0862, 0.3022, 0.3442.

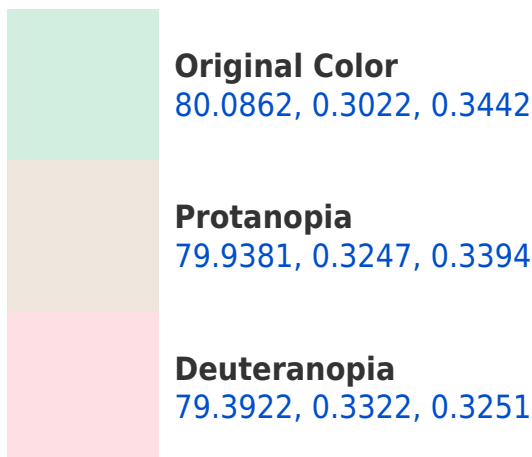


This preview shows how white text looks on a background with the Yxy color 80.0862, 0.3022, 0.3442.

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

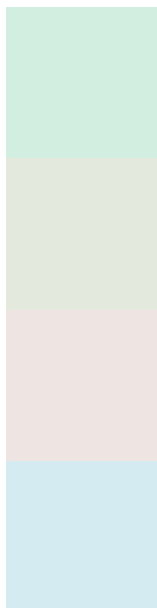




Tritanopia

80.1701, 0.2890, 0.3101

Trichromacy



Original Color

80.0862, 0.3022, 0.3442

Protanomaly

79.8292, 0.3162, 0.3417

Deuteranomaly

79.1549, 0.3210, 0.3311

Tritanomaly

79.8245, 0.2936, 0.3215

Monochromacy



Original Color

80.0862, 0.3022, 0.3442

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.6314, 0.3084, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0862, 0.3022, 0.3442 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(209, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 224)  
}
```

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(209, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 224) }
```

Border

The CSS property to change the border of an element to Yxy 80.0862, 0.3022, 0.3442 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(209, 238, 224) }
```

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

```
.border{ border-color:rgb(209, 238, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0862, 0.3022, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 224) }
```

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

```
.background{ background-color: rgb(209,  
238, 224) }
```

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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