

Converting Colors

Yxy(82.5733, 0.2913, 0.3522)

Have a look what the booklet for
Yxy(82.5733, 0.2913, 0.3522)
contains.

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Color

Yxy(82.5542, 0.2913, 0.3522)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C0F6E1 |
| RGB | 192, 246, 225 |
| RGB Percent | 75%, 96%, 88% |
| CMY | 0.2471, 0.0353, 0.1177 |
| CMYK | 0.22, 0.00, 0.09, 0.04 |
| HSL | 157°, 75%, 86% |
| HSV | 157°, 22%, 96% |
| XYZ | 68.2795, 82.5542, 83.5621 |
| YIQ | 227.4600, -25.4430, -17.9790 |

Conversions

Conversions Part 2

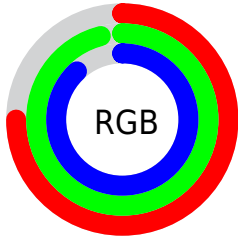
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 192, 226, 246 |
| Decimal | 12646113 |
| CIE _{Lab} | 92.82, -21.24, 4.51 |
| CIE _{LCh} | 93, 21.717, 168.018 |
| Yxy | 82.5542, 0.2913, 0.3522 |
| Android (android.graphics.Color) | 4290836193 (0xFFC0F6E1) |
| YUV | 227.4600, -1.2128, -31.0984 |
| Hunter-Lab | 90.8593, -24.8637, 9.0733 |

Details

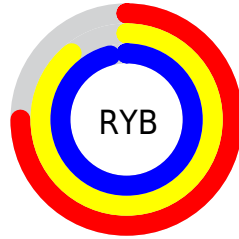
The Yxy color **82.5542, 0.2913, 0.3522** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0900, 0.3405, 0.3070**, and the grayscale version is **77.1901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **45.1325, 0.2866, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **79.1027, 0.2825, 0.3645**, and if you desaturate by 10%, it is **86.5785, 0.3008, 0.3410**.

Distribution



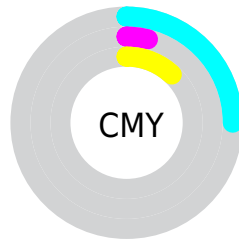
- Red (75%)
- Green (96%)
- Blue (88%)



- Red (75%)
- Yellow (89%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (25%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5542, 0.2913, 0.3522 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 82.5542, 0.2913, 0.3522 by changing the saturation by 10% instead.


 82.5542, 0.2913,
0.3522

 82.5542, 0.2913,
0.3522

503.4996, 0.3011,
0.3415

 61.8225, 0.2891,
0.3546


 136.9509, 0.2947,
0.3485

 44.8893, 0.2864,
0.3576

171.3847, 0.2960,
0.3471

 31.3702, 0.2830,
0.3614


211.1545, 0.2971,
0.3458

 20.8809, 0.2786,
0.3663

256.6449, 0.2981,
0.3448

 13.0370, 0.2727,
0.3730

308.2402, 0.2990,
0.3438

 7.4540, 0.2643,
0.3826


366.3248, 0.2998,


 3.7476, 0.2514,


0.3430


431.2832, 0.3004,
0.3422


0.3975

 1.5334, 0.2294,
0.4237


 0.3121, 0.0000,
0.9269


 82.5542, 0.2913,
0.3522


 82.5542, 0.2913,
0.3522


 79.1027, 0.2825,
0.3645


 86.5785, 0.3008,
0.3410


 76.1867, 0.2746,
0.3778


 91.1906, 0.3107,
0.3309

 73.7801, 0.2681,
0.3920


 94.3146, 0.3139,
0.3216

 71.8506, 0.2632,
0.4069

 94.3978, 0.3131,
0.3204

 70.3619, 0.2601,
0.4221

 69.2726, 0.2592,
0.4374

 68.5326, 0.2603,
0.4525

 68.1296, 0.2623,
0.4643

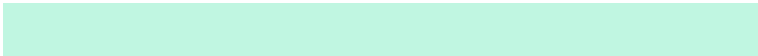
Harmonies

Analogous

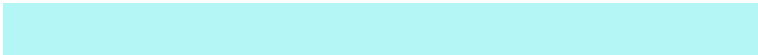
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5542, 0.3157, 0.3689



82.5542, 0.2913, 0.3522



82.5542, 0.2731, 0.3289

Triad

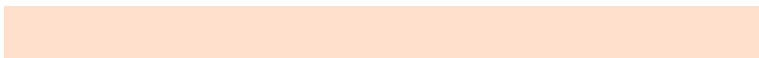
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5542, 0.2913, 0.3522



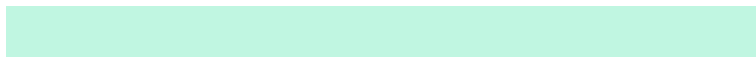
82.5542, 0.2849, 0.2872



82.5542, 0.3626, 0.3481

Complementary

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



82.5542, 0.2913, 0.3522



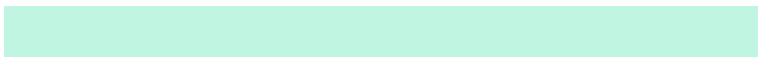
62.0900, 0.3405, 0.3070

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.



82.5542, 0.3537, 0.3270



82.5542, 0.2913, 0.3522



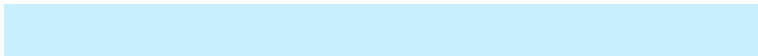
82.5542, 0.3082, 0.2929

Square

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



82.5542, 0.2913, 0.3522



82.5542, 0.2695, 0.2919



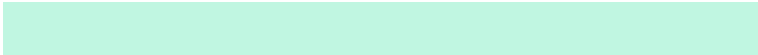
82.5542, 0.3335, 0.3072



82.5542, 0.3573, 0.3653

Rectangle

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



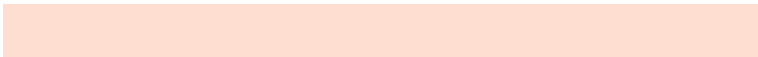
82.5542, 0.2913, 0.3522



82.5542, 0.2666, 0.3136



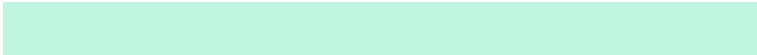
82.5542, 0.3335, 0.3072



82.5542, 0.3611, 0.3412

Sweetspot

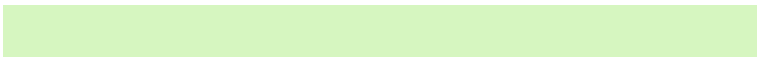
The Sweet Spot groups the original color and five complimentary colors.



82.5576, 0.2913, 0.3522



96.3311, 0.3057, 0.3358



83.9578, 0.3238, 0.3880



20.5544, 0.3051, 0.3364



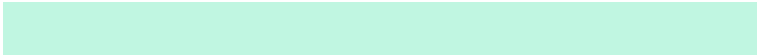
0.0000, 0.0000, 0.0000



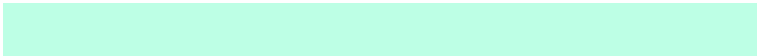
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5576, 0.2913, 0.3522



87.9692, 0.2876, 0.3571



80.5370, 0.2796, 0.3230



18.6422, 0.3033, 0.3384



36.3898, 0.2616, 0.4619



3.2184, 0.2565, 0.4434

Inverse Universe

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



62.0900, 0.3405, 0.3070



62.4066, 0.3471, 0.3026



63.5070, 0.3563, 0.3349



16.5893, 0.3232, 0.3198



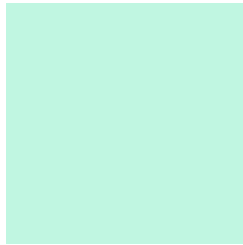
10.9313, 0.5424, 0.2762



0.9803, 0.5088, 0.2577

Previews

White Background



This preview shows how the Yxy color 82.5542, 0.2913, 0.3522 looks on a white background.

Color Contrast Check

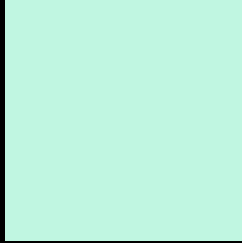
Large Text (above 18pt) WCAG AA × Fail

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 82.5542, 0.2913, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

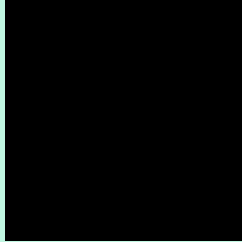
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

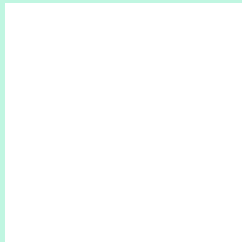
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5542, 0.2913, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 82.5542, 0.2913, 0.3522.

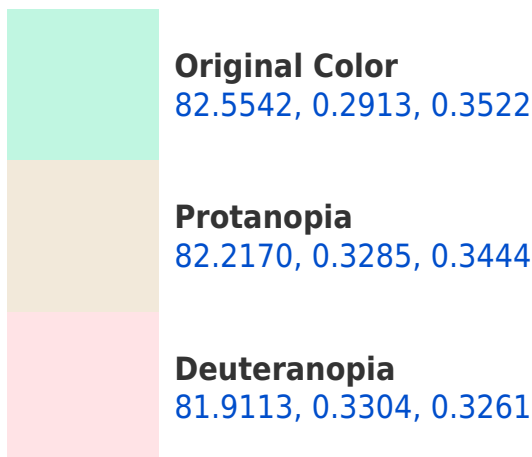


This preview shows how white text looks on a background with the Yxy color 82.5542, 0.2913, 0.3522.

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

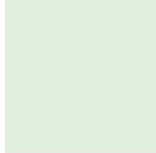
82.0748, 0.2828, 0.3121

Trichromacy



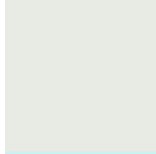
Original Color

82.5542, 0.2913, 0.3522



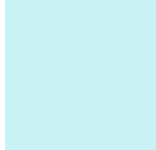
Protanomaly

82.2168, 0.3139, 0.3470



Deuteranomaly

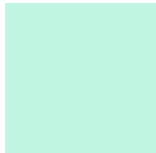
81.6029, 0.3151, 0.3352



Tritanomaly

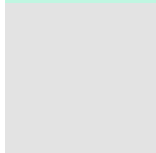
82.4534, 0.2860, 0.3268

Monochromacy



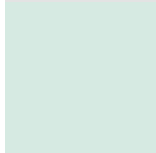
Original Color

82.5542, 0.2913, 0.3522



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

78.6328, 0.3043, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5542, 0.2913, 0.3522 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(192, 246, 225)` looks like.

```
.text, #text, p{  
    color:rgb(192, 246, 225)  
}
```

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(192, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 246, 225) }
```

Border

The CSS property to change the border of an element to Yxy 82.5542, 0.2913, 0.3522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

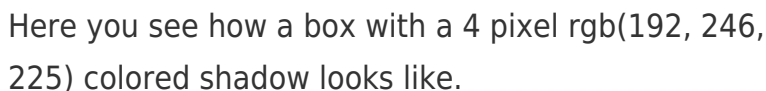
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 246, 225) }
```

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

```
.border{ border-color:rgb(192, 246, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 246, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 246, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 246, 225); box-shadow:4px 4px 4px 4px rgb(192, 246, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5542, 0.2913, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 246, 225) }
```

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

```
.background{ background-color: rgb(192,  
246, 225) }
```

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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