

Converting Colors

Yxy(82.7364, 0.2911, 0.3340)

Have a look what the booklet for
Yxy(82.7364, 0.2911, 0.3340)
contains.

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Color

Yxy(82.5147, 0.2911, 0.3332)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CCF2EE |
| RGB | 204, 242, 238 |
| RGB Percent | 80%, 95%, 93% |
| CMY | 0.2000, 0.0510, 0.0665 |
| CMYK | 0.16, 0.00, 0.02, 0.05 |
| HSL | 174°, 59%, 87% |
| HSV | 174°, 16%, 95% |
| XYZ | 72.0889, 82.5147, 93.0395 |
| YIQ | 230.1820, -21.3640, -9.3000 |

Conversions

Conversions Part 2

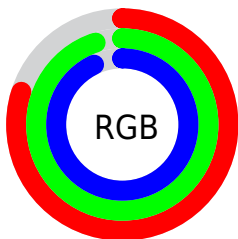
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 224, 242 |
| Decimal | 13431534 |
| CIE _{Lab} | 92.80, -12.99, -2.20 |
| CIE _{LCh} | 93, 13.176, 189.602 |
| Yxy | 82.5147, 0.2911, 0.3332 |
| Android (android.graphics.Color) | 4291621614 (0xFFCCCF2EE) |
| YUV | 230.1820, 3.8543, -22.9616 |
| Hunter-Lab | 90.8376, -17.3078, 2.8591 |

Details

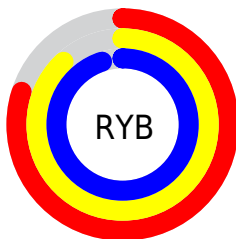
The Yxy color **82.5147, 0.2911, 0.3332** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.6143, 0.3394, 0.3249**, and the grayscale version is **79.2578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8848, 0.2862, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **79.2125, 0.2784, 0.3362**, and if you desaturate by 10%, it is **86.3572, 0.3047, 0.3305**.

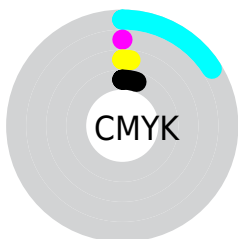
Distribution



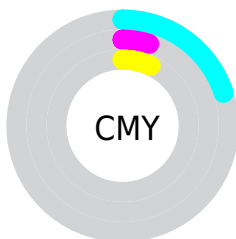
- Red (80%)
- Green (95%)
- Blue (93%)



- Red (80%)
- Yellow (88%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5147, 0.2911, 0.3332 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 82.5147, 0.2911, 0.3332 by changing the saturation by 10% instead.

82.5147, 0.2911,
0.3332

82.5147, 0.2911,
0.3332

503.3677, 0.3008,
0.3314

61.7899, 0.2889,
0.3336

136.8956, 0.2944,
0.3326

44.8629, 0.2863,
0.3341

171.3204, 0.2957,
0.3323

31.3495, 0.2830,
0.3347

211.0807, 0.2969,
0.3321

20.8651, 0.2787,
0.3354

256.5608, 0.2979,
0.3319

13.0254, 0.2730,
0.3364

308.1452, 0.2987,
0.3318

7.4461, 0.2651,
0.3377

366.2182, 0.2995,

3.7426, 0.2532,

0.3316

431.1642, 0.3002,
0.3315

0.3395

1.5306, 0.2335,
0.3422

0.3101, 0.0000,
0.3870

82.5147, 0.2911,
0.3332

82.5147, 0.2911,
0.3332

79.2125, 0.2784,
0.3362

86.3572, 0.3047,
0.3305

76.4157, 0.2669,
0.3394


90.7525, 0.3189,
0.3280


74.1015, 0.2568,
0.3428


91.3968, 0.3190,
0.3255


72.2410, 0.2484,
0.3463


91.5528, 0.3175,
0.3231

 70.8025, 0.2420,
0.3499


 91.7110, 0.3159,
0.3207


 69.7500, 0.2374,
0.3535

 91.8713, 0.3144,
0.3182

 69.0414, 0.2348,
0.3572

 91.9864, 0.3133,
0.3165

 68.6250, 0.2340,
0.3607

 68.5013, 0.2340,
0.3623

Harmonies

Analogous

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



82.5147, 0.3038, 0.3462



82.5147, 0.2911, 0.3332



82.5147, 0.2842, 0.3193

Triad

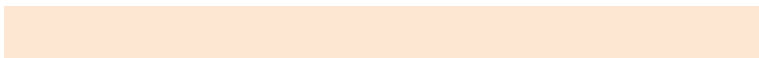
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5147, 0.2911, 0.3332



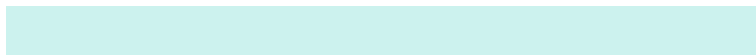
82.5147, 0.3058, 0.3051



82.5147, 0.3414, 0.3489

Complementary

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



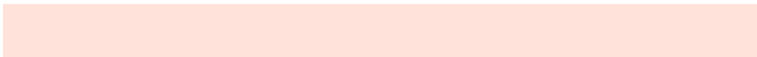
82.5147, 0.2911, 0.3332



66.6143, 0.3394, 0.3249

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.



82.5147, 0.3421, 0.3375



82.5147, 0.2911, 0.3332



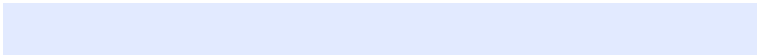
82.5147, 0.3213, 0.3127

Square

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



82.5147, 0.2911, 0.3332



82.5147, 0.2925, 0.3035



82.5147, 0.3347, 0.3244



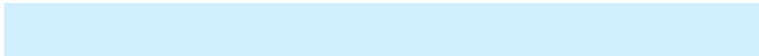
82.5147, 0.3329, 0.3552

Rectangle

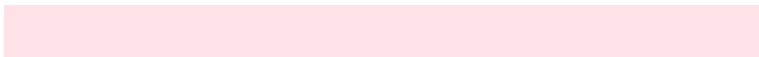
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



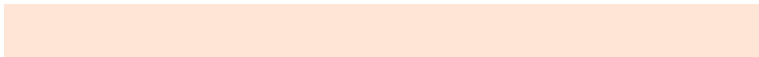
82.5147, 0.2911, 0.3332



82.5147, 0.2837, 0.3116



82.5147, 0.3347, 0.3244



82.5147, 0.3426, 0.3455

Sweetspot

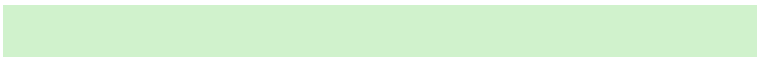
The Sweet Spot groups the original color and five complimentary colors.



82.5181, 0.2911, 0.3332



97.5760, 0.3056, 0.3303



81.3382, 0.3136, 0.3709



20.8151, 0.3047, 0.3305



0.0000, 0.0000, 0.0000



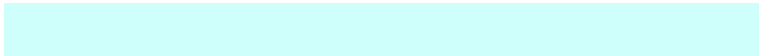
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5181, 0.2911, 0.3332



91.6188, 0.2867, 0.3342



74.4238, 0.2882, 0.3131



17.8988, 0.2995, 0.3315



36.8103, 0.2338, 0.3617



3.0704, 0.2325, 0.3569

Inverse Universe

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



66.6143, 0.3394, 0.3249



70.4019, 0.3464, 0.3239



73.6741, 0.3400, 0.3444



15.7857, 0.3277, 0.3266



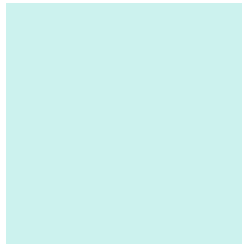
10.1887, 0.6277, 0.3232



0.8565, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 82.5147, 0.2911, 0.3332 looks on a white background.

Color Contrast Check

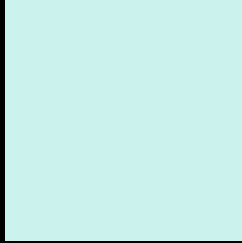
Large Text (above 18pt) WCAG AA × Fail

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 82.5147, 0.2911, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

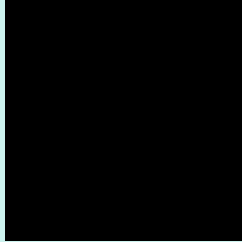
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

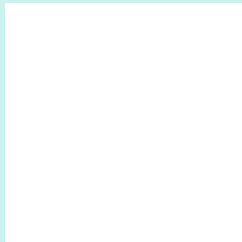
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5147, 0.2911, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 82.5147, 0.2911, 0.3332.

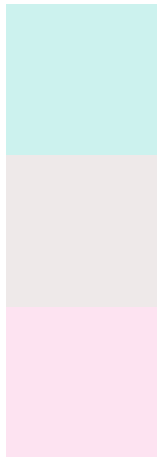


This preview shows how white text looks on a background with the Yxy color 82.5147, 0.2911, 0.3332.

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

82.5147, 0.2911, 0.3332

Protanopia

82.3382, 0.3161, 0.3290

Deuteranopia

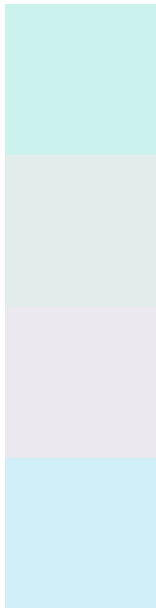
82.1717, 0.3217, 0.3152



Tritanopia

82.2180, 0.2857, 0.3112

Trichromacy



Original Color

82.5147, 0.2911, 0.3332

Protanomaly

82.1578, 0.3067, 0.3300

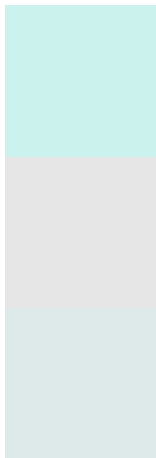
Deuteranomaly

81.6667, 0.3097, 0.3208

Tritanomaly

81.9825, 0.2873, 0.3184

Monochromacy



Original Color

82.5147, 0.2911, 0.3332

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.1010, 0.3047, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5147, 0.2911, 0.3332 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(204, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 238)  
}
```

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(204, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.5147, 0.2911, 0.3332 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(204, 242, 238) }
```

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

```
.border{ border-color:rgb(204, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 242,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5147, 0.2911, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 238) }
```

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

```
.background{ background-color: rgb(204,  
242, 238) }
```

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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