

Converting Colors

$Yxy(82.6012, 0.2838, 0.3391)$

Have a look what the booklet for
Yxy(82.6012, 0.2838, 0.3391)
contains.

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Color

Yxy(82.9148, 0.2842, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	BEF6EC
RGB	190, 246, 236
RGB Percent	75%, 96%, 93%
CMY	0.2549, 0.0353, 0.0746
CMYK	0.23, 0.00, 0.04, 0.04
HSL	169°, 76%, 85%
HSV	169°, 23%, 96%
XYZ	69.3274, 82.9148, 91.6966
YIQ	228.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

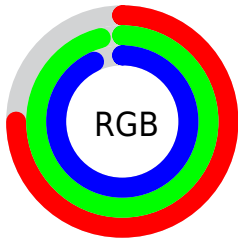
Format	Color
R _Y B	190, 221, 246
Decimal	12515052
CIE Lab	92.98, -19.65, -0.98
CIE LCh	93, 19.671, 182.849
Yxy	82.9148, 0.2842, 0.3399
Android (android.graphics.Color)	4290705132 (0xFFBEF6EC)
YUV	228.1160, 3.8868, -33.4277
Hunter-Lab	91.0576, -23.4483, 4.0342

Details

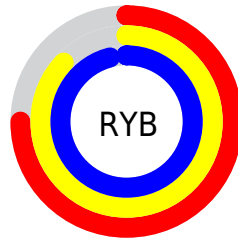
The Yxy color **82.9148, 0.2842, 0.3399** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5877, 0.3514, 0.3185**, and the grayscale version is **77.6599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **45.2731, 0.2778, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **79.7608, 0.2731, 0.3454**, and if you desaturate by 10%, it is **86.6165, 0.2963, 0.3348**.

Distribution



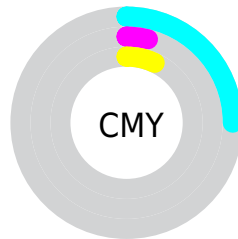
- Red (75%)
- Green (96%)
- Blue (93%)



- Red (75%)
- Yellow (87%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)




- Cyan (25%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9148, 0.2842, 0.3399 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 82.9148, 0.2842, 0.3399 by changing the saturation by 10% instead.

 82.9148, 0.2842,
0.3399

 82.9148, 0.2842,
0.3399


504.7025, 0.2971,
0.3350

 62.1199, 0.2813,
0.3410


 137.4561, 0.2886,
0.3382

 45.1296, 0.2779,
0.3423


171.9713, 0.2903,
0.3376

 31.5595, 0.2735,
0.3439

211.8287, 0.2918,
0.3370

 21.0253, 0.2679,
0.3460

257.4127, 0.2931,
0.3365

 13.1425, 0.2604,
0.3488

309.1077, 0.2943,
0.3361

 7.5267, 0.2500,
0.3526

367.2980, 0.2953,

 3.7936, 0.2345,

0.3357

0.3582

432.3682, 0.2962,
0.3353

■ 1.5588, 0.2089,
0.3673

■ 0.3296, 0.0000,
0.4355

■ 82.9148, 0.2842,
0.3399

■ 82.9148, 0.2842,
0.3399

■ 79.7608, 0.2731,
0.3454

■ 86.6165, 0.2963,
0.3348

■ 77.1174, 0.2632,
0.3512

■ 90.8808, 0.3091,
0.3302

■ 74.9589, 0.2550,
0.3574

■ 94.0283, 0.3166,
0.3260

■ 73.2531, 0.2485,
0.3637

■ 94.3064, 0.3140,
0.3218

71.9639, 0.2439,
0.3702

94.3969, 0.3131,
0.3204

71.0497, 0.2413,
0.3768

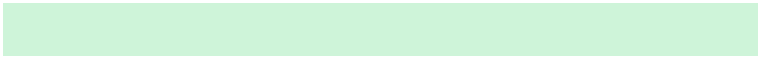
70.4600, 0.2407,
0.3833

70.1812, 0.2411,
0.3879

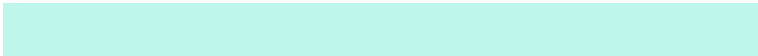
Harmonies

Analogous

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



82.9148, 0.3042, 0.3586



82.9148, 0.2842, 0.3399



82.9148, 0.2720, 0.3186

Triad

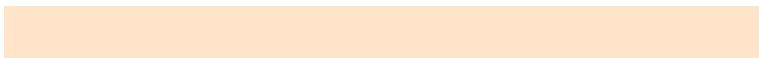
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9148, 0.2842, 0.3399



82.9148, 0.2974, 0.2925



82.9148, 0.3570, 0.3549

Complementary

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



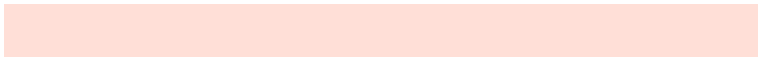
82.9148, 0.2842, 0.3399



60.5877, 0.3514, 0.3185

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.



82.9148, 0.3552, 0.3369



82.9148, 0.2842, 0.3399



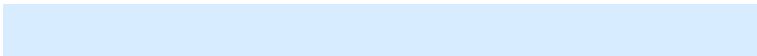
82.9148, 0.3202, 0.3018

Square

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



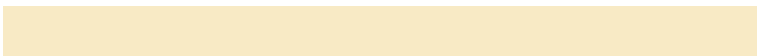
82.9148, 0.2842, 0.3399



82.9148, 0.2793, 0.2921



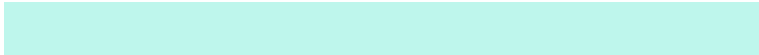
82.9148, 0.3416, 0.3178



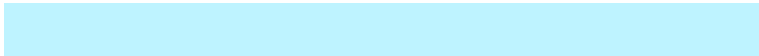
82.9148, 0.3465, 0.3668

Rectangle

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



82.9148, 0.2842, 0.3399



82.9148, 0.2696, 0.3063



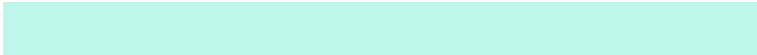
82.9148, 0.3416, 0.3178



82.9148, 0.3578, 0.3493

Sweetspot

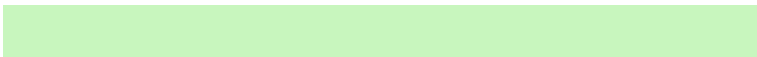
The Sweet Spot groups the original color and five complimentary colors.



82.9182, 0.2842, 0.3399



96.5664, 0.3036, 0.3321



81.9494, 0.3163, 0.3919



20.6089, 0.3028, 0.3324



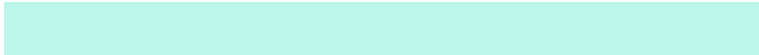
0.0000, 0.0000, 0.0000



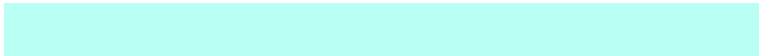
21.4041, 0.3127, 0.3290

Same Dimension

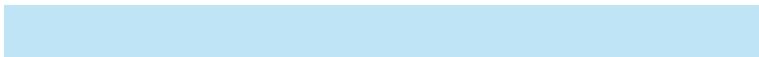
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9182, 0.2842, 0.3399



88.4299, 0.2793, 0.3422



73.2355, 0.2774, 0.3093



18.7040, 0.3004, 0.3333



37.4760, 0.2408, 0.3868



3.3068, 0.2385, 0.3787

Inverse Universe

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



60.5877, 0.3514, 0.3185



60.5398, 0.3610, 0.3163



68.2916, 0.3555, 0.3479



16.5309, 0.3265, 0.3248



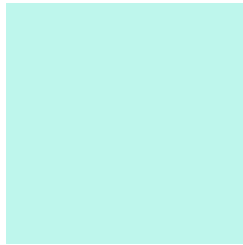
10.5694, 0.6129, 0.3150



0.9421, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 82.9148, 0.2842, 0.3399 looks on a white background.

Color Contrast Check

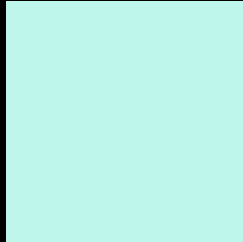
Large Text (above 18pt) WCAG AA × Fail

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 82.9148, 0.2842, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

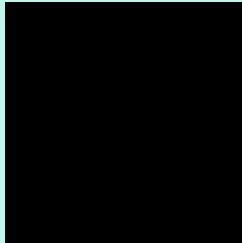
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

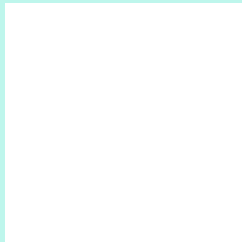
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9148, 0.2842, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 82.9148, 0.2842, 0.3399.

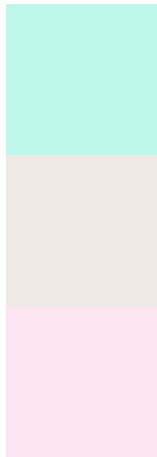


This preview shows how white text looks on a background with the Yxy color 82.9148, 0.2842, 0.3399.

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

82.9148, 0.2842, 0.3399

Protanopia

82.2857, 0.3193, 0.3331

Deuteranopia

82.3003, 0.3230, 0.3162



Tritanopia

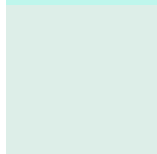
82.6620, 0.2829, 0.3132

Trichromacy



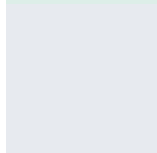
Original Color

82.9148, 0.2842, 0.3399



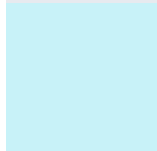
Protanomaly

82.3474, 0.3052, 0.3353



Deuteranomaly

82.0666, 0.3076, 0.3238



Tritanomaly

82.5609, 0.2833, 0.3225

Monochromacy



Original Color

82.9148, 0.2842, 0.3399



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.4823, 0.3013, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9148, 0.2842, 0.3399 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(190, 246, 236)` looks like.

```
.text, #text, p{  
    color:rgb(190, 246, 236)  
}
```

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(190, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 246, 236) }
```

Border

The CSS property to change the border of an element to Yxy 82.9148, 0.2842, 0.3399 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(190, 246, 236) }
```

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

```
.border{ border-color:rgb(190, 246, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 246, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(190, 246,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9148, 0.2842, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 246, 236) }
```

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

```
.background{ background-color: rgb(190,  
246, 236) }
```

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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