

Converting Colors

$Yxy(82.1117, 0.2826, 0.3385)$

Have a look what the booklet for
Yxy(82.1117, 0.2826, 0.3385)
contains.

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Color

Yxy(82.0523, 0.2830, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	BCF5EC
RGB	188, 245, 236
RGB Percent	74%, 96%, 93%
CMY	0.2626, 0.0392, 0.0744
CMYK	0.23, 0.00, 0.04, 0.04
HSL	171°, 74%, 85%
HSV	171°, 23%, 96%
XYZ	68.5384, 82.0523, 91.5944
YIQ	226.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

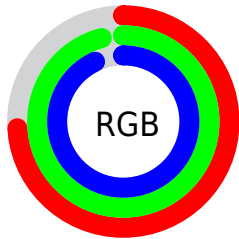
Format	Color
R _Y B	188, 219, 245
Decimal	12383724
CIE Lab	92.60, -19.73, -1.56
CIE LCh	93, 19.788, 184.525
Yxy	82.0523, 0.2830, 0.3388
Android (android.graphics.Color)	4290573804 (0xFFBCF5EC)
YUV	226.9310, 4.4710, -34.1425
Hunter-Lab	90.5827, -23.4598, 3.4557

Details

The Yxy color **82.0523, 0.2830, 0.3388** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4223, 0.3534, 0.3195**, and the grayscale version is **76.7534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **44.6770, 0.2763, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **78.9810, 0.2717, 0.3436**, and if you desaturate by 10%, it is **85.6633, 0.2953, 0.3343**.

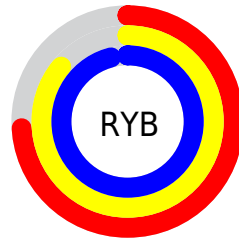
Distribution



Red (74%)

Green (96%)

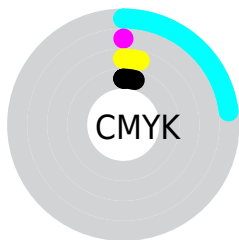
Blue (93%)



Red (74%)

Yellow (86%)

Blue (96%)

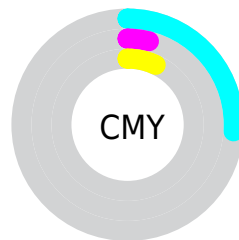


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (26%)


Magenta (4%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0523, 0.2830, 0.3388 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 82.0523, 0.2830, 0.3388 by changing the saturation by 10% instead.


 82.0523, 0.2830,
0.3388

 82.0523, 0.2830,
0.3388


501.8226, 0.2964,
0.3344

 61.4086, 0.2800,
0.3398


 136.2473, 0.2876,
0.3373

 44.5550, 0.2764,
0.3409


170.5675, 0.2894,
0.3367

 31.1071, 0.2718,
0.3424


210.2153, 0.2909,
0.3362

 20.6804, 0.2660,
0.3442

255.5752, 0.2923,
0.3358

 12.8906, 0.2582,
0.3466

307.0314, 0.2935,
0.3354

 7.3533, 0.2472,
0.3500

364.9685, 0.2946,

 3.6840, 0.2310,

0.3350

0.3548

429.7707, 0.2955,
0.3347

■ 1.4984, 0.2042,
0.3625

■ 0.2876, 0.0000,
0.4051

■ 82.0523, 0.2830,
0.3388

■ 82.0523, 0.2830,
0.3388

■ 78.9810, 0.2717,
0.3436

■ 85.6633, 0.2953,
0.3343

■ 76.4127, 0.2617,
0.3488

■ 89.8288, 0.3084,
0.3302

■ 74.3218, 0.2534,
0.3541

■ 93.3162, 0.3176,
0.3265

■ 72.6762, 0.2468,
0.3597

■ 93.5579, 0.3153,
0.3228

71.4401, 0.2422,
0.3654

93.7835, 0.3132,
0.3194

70.5718, 0.2395,
0.3710

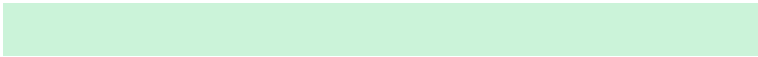
70.0211, 0.2388,
0.3767

69.7782, 0.2390,
0.3805

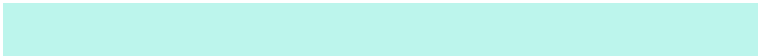
Harmonies

Analogous

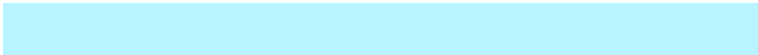
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0523, 0.3028, 0.3581



82.0523, 0.2830, 0.3388



82.0523, 0.2712, 0.3174

Triad

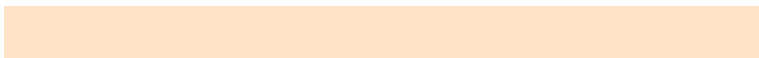
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0523, 0.2830, 0.3388



82.0523, 0.2984, 0.2925



82.0523, 0.3571, 0.3560

Complementary

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



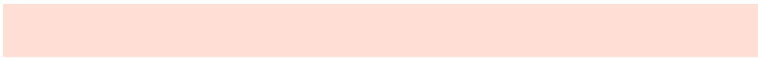
82.0523, 0.2830, 0.3388



59.4223, 0.3534, 0.3195

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.



82.0523, 0.3561, 0.3381



82.0523, 0.2830, 0.3388



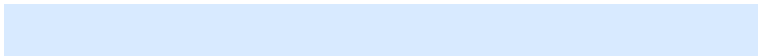
82.0523, 0.3215, 0.3023

Square

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



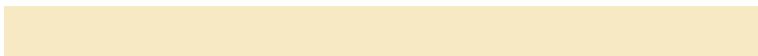
82.0523, 0.2830, 0.3388



82.0523, 0.2798, 0.2915



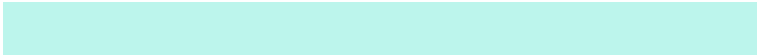
82.0523, 0.3429, 0.3187



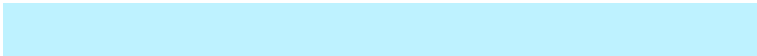
82.0523, 0.3459, 0.3676

Rectangle

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



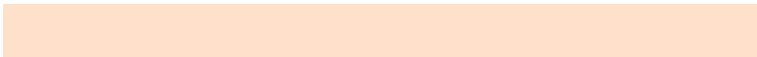
82.0523, 0.2830, 0.3388



82.0523, 0.2692, 0.3052



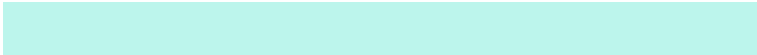
82.0523, 0.3429, 0.3187



82.0523, 0.3582, 0.3505

Sweetspot

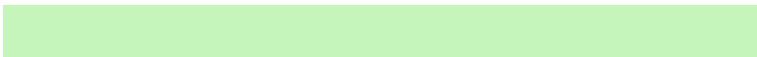
The Sweet Spot groups the original color and five complimentary colors.



82.0557, 0.2830, 0.3388



96.5904, 0.3034, 0.3317



80.8767, 0.3157, 0.3935



20.6145, 0.3026, 0.3320



0.0000, 0.0000, 0.0000



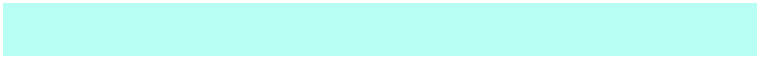
21.4041, 0.3127, 0.3290

Same Dimension

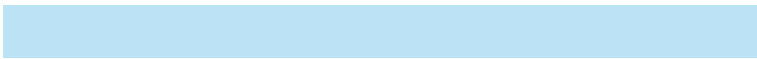
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0557, 0.2830, 0.3388



88.1772, 0.2774, 0.3411



71.6845, 0.2766, 0.3077



18.7103, 0.3002, 0.3327



37.6088, 0.2388, 0.3795



3.3173, 0.2368, 0.3725

Inverse Universe

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



59.4223, 0.3534, 0.3195



59.3086, 0.3647, 0.3174



67.6787, 0.3564, 0.3493



16.5251, 0.3269, 0.3253



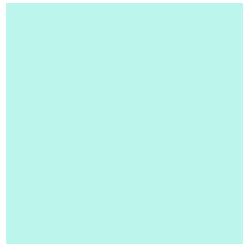
10.5483, 0.6178, 0.3177



0.9394, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 82.0523, 0.2830, 0.3388 looks on a white background.

Color Contrast Check

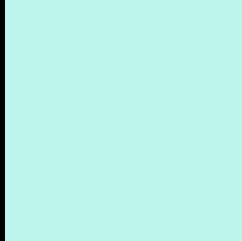
Large Text (above 18pt) WCAG AA × Fail

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 82.0523, 0.2830, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

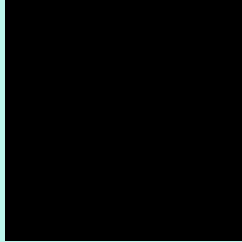
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

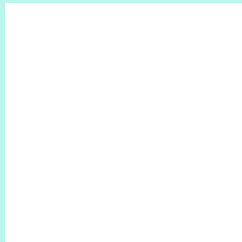
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0523, 0.2830, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 82.0523, 0.2830, 0.3388.

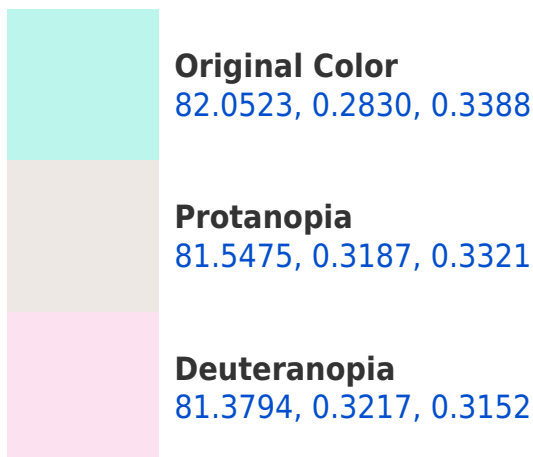


This preview shows how white text looks on a background with the Yxy color 82.0523, 0.2830, 0.3388.

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

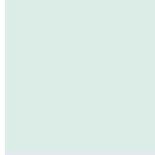
82.0967, 0.2805, 0.3131

Trichromacy



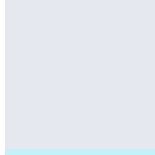
Original Color

82.0523, 0.2830, 0.3388



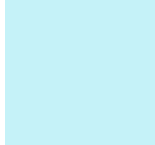
Protanomaly

81.6102, 0.3046, 0.3343



Deuteranomaly

81.1678, 0.3063, 0.3228



Tritanomaly

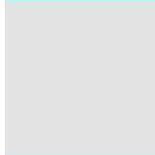
82.1519, 0.2815, 0.3225

Monochromacy



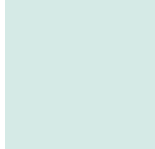
Original Color

82.0523, 0.2830, 0.3388



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

78.7049, 0.3013, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0523, 0.2830, 0.3388 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(188, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(188, 245, 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(188, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 245, 236) }
```

Border

The CSS property to change the border of an element to Yxy 82.0523, 0.2830, 0.3388 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(188, 245, 236) }
```

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

```
.border{ border-color:rgb(188, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(188, 245,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0523, 0.2830, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 245, 236) }
```

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

```
.background{ background-color: rgb(188,  
245, 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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