

Converting Colors

Yxy(81.1613, 0.2904, 0.3452)

Have a look what the booklet for
Yxy(81.1613, 0.2904, 0.3452)
contains.

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Color

Yxy(81.1720, 0.2907, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	C2F3E4
RGB	194, 243, 228
RGB Percent	76%, 95%, 89%
CMY	0.2393, 0.0470, 0.1059
CMYK	0.20, 0.00, 0.06, 0.05
HSL	162°, 67%, 86%
HSV	162°, 20%, 95%
XYZ	68.2973, 81.1720, 85.4714
YIQ	226.6390, -24.3890, -15.0530

Conversions

Conversions Part 2

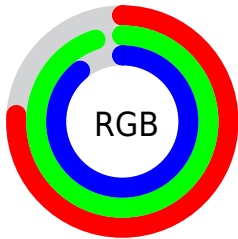
Format	Color
RYB	194, 223, 243
Decimal	12776420
CIELab	92.21, -18.57, 2.07
CIElCh	92, 18.688, 173.637
Yxy	81.1720, 0.2907, 0.3455
Android (android.graphics.Color)	4290966500 (0xFFC2F3E4)
YUV	226.6390, 0.6710, -28.6244
Hunter-Lab	90.0955, -22.3545, 6.8199

Details

The Yxy color **81.1720, 0.2907, 0.3455** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.2299, 0.3409, 0.3131**, and the grayscale version is **76.5469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **44.1332, 0.2858, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **77.8150, 0.2807, 0.3549**, and if you desaturate by 10%, it is **85.0792, 0.3014, 0.3369**.

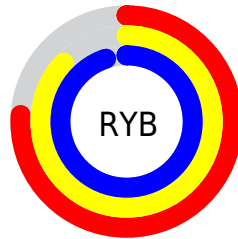
Distribution



Red (76%)

Green (95%)

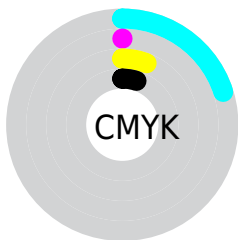
Blue (89%)



Red (76%)

Yellow (87%)

Blue (95%)

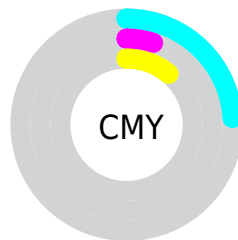


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1720, 0.2907, 0.3455 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 81.1720, 0.2907, 0.3455 by changing the saturation by 10% instead.


 81.1720, 0.2907,
0.3455

 81.1720, 0.2907,
0.3455


498.8738, 0.3007,
0.3380

 60.6833, 0.2885,
0.3472


 135.0123, 0.2941,
0.3429

 43.9696, 0.2857,
0.3493


169.1326, 0.2955,
0.3419

 30.6466, 0.2822,
0.3520


208.5655, 0.2967,
0.3410

 20.3299, 0.2777,
0.3554

253.6955, 0.2977,
0.3402

 12.6351, 0.2717,
0.3600

304.9070, 0.2986,
0.3396

 7.1777, 0.2632,
0.3667

362.5842, 0.2994,

 3.5735, 0.2502,

0.3390

0.3769

427.1117, 0.3001,
0.3384

■ 1.4380, 0.2281,
0.3947

■ 0.2445, 0.0000,
0.6682

■ 81.1720, 0.2907,
0.3455

■ 81.1720, 0.2907,
0.3455

■ 77.8150, 0.2807,
0.3549

■ 85.0792, 0.3014,
0.3369

■ 74.9724, 0.2718,
0.3651

■ 89.5505, 0.3125,
0.3291

■ 72.6196, 0.2642,
0.3759

■ 92.2896, 0.3161,
0.3220

■ 70.7261, 0.2583,
0.3872

■ 92.5879, 0.3133,
0.3175

■ 69.2579, 0.2542,
0.3989

■ 68.1758, 0.2522,
0.4107

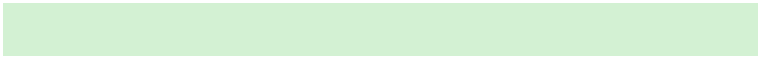
■ 67.4336, 0.2522,
0.4224

■ 66.9598, 0.2538,
0.4338

Harmonies

Analogous

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



81.1720, 0.3113, 0.3613



81.1720, 0.2907, 0.3455



81.1720, 0.2763, 0.3252

Triad

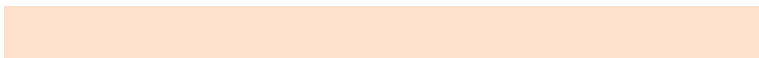
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1720, 0.2907, 0.3455



81.1720, 0.2920, 0.2929



81.1720, 0.3559, 0.3489

Complementary

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



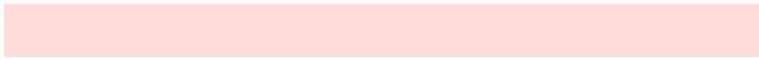
81.1720, 0.2907, 0.3455



62.2299, 0.3409, 0.3131

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.



81.1720, 0.3505, 0.3309



81.1720, 0.2907, 0.3455



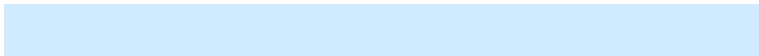
81.1720, 0.3130, 0.2994

Square

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



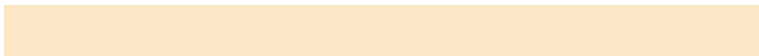
81.1720, 0.2907, 0.3455



81.1720, 0.2770, 0.2954



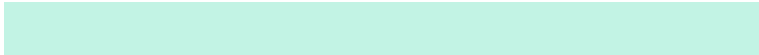
81.1720, 0.3346, 0.3131



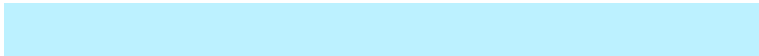
81.1720, 0.3492, 0.3626

Rectangle

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



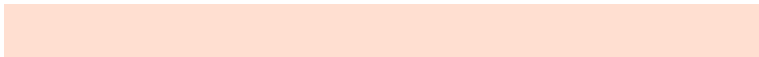
81.1720, 0.2907, 0.3455



81.1720, 0.2719, 0.3124



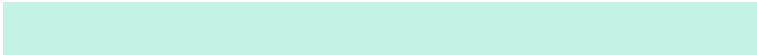
81.1720, 0.3346, 0.3131



81.1720, 0.3554, 0.3432

Sweetspot

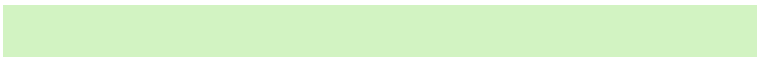
The Sweet Spot groups the original color and five complimentary colors.



81.1754, 0.2907, 0.3455



96.9150, 0.3060, 0.3336



81.6302, 0.3202, 0.3832



20.6749, 0.3053, 0.3341



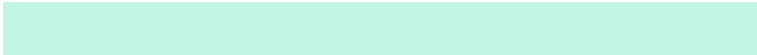
0.0000, 0.0000, 0.0000



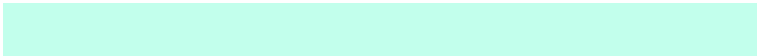
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1754, 0.2907, 0.3455



89.0351, 0.2867, 0.3491



76.7947, 0.2819, 0.3191



18.6664, 0.3021, 0.3363



36.7713, 0.2533, 0.4319



3.2501, 0.2493, 0.4174

Inverse Universe

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



62.2299, 0.3409, 0.3131



64.5345, 0.3478, 0.3099



65.6446, 0.3511, 0.3387



16.5660, 0.3245, 0.3218



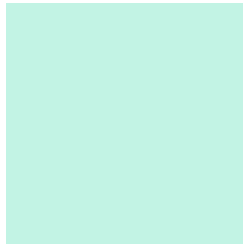
10.7528, 0.5743, 0.2937



0.9626, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 81.1720, 0.2907, 0.3455 looks on a white background.

Color Contrast Check

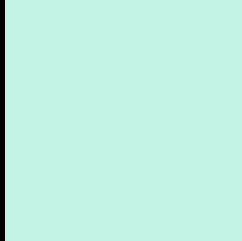
Large Text (above 18pt) WCAG AA × Fail

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 81.1720, 0.2907, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

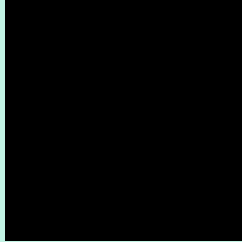
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

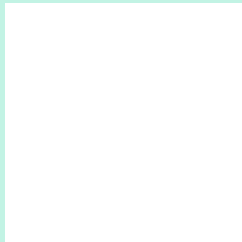
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1720, 0.2907, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 81.1720, 0.2907, 0.3455.

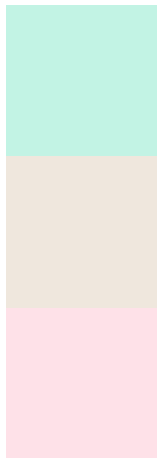


This preview shows how white text looks on a background with the Yxy color 81.1720, 0.2907, 0.3455.

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

81.1720, 0.2907, 0.3455

Protanopia

80.7230, 0.3247, 0.3394

Deuteranopia

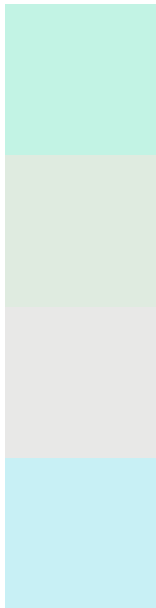
80.7475, 0.3285, 0.3221



Tritanopia

81.0656, 0.2810, 0.3109

Trichromacy



Original Color

81.1720, 0.2907, 0.3455

Protanomaly

80.4865, 0.3115, 0.3407

Deuteranomaly

80.6386, 0.3133, 0.3300

Tritanomaly

81.1921, 0.2848, 0.3235

Monochromacy



Original Color

81.1720, 0.2907, 0.3455

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.2710, 0.3044, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1720, 0.2907, 0.3455 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(194, 243, 228)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 228)  
}
```

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(194, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 228) }
```

Border

The CSS property to change the border of an element to Yxy 81.1720, 0.2907, 0.3455 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(194, 243, 228) }
```

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

```
.border{ border-color:rgb(194, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 243, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 243, 228); box-shadow:4px 4px 4px 4px rgb(194, 243, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1720, 0.2907, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 228) }
```

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

```
.background{ background-color: rgb(194,  
243, 228) }
```

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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