

Converting Colors

$Yxy(81.9054, 0.2837, 0.3225)$

Have a look what the booklet for
Yxy(81.9054, 0.2837, 0.3225)
contains.

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Color

Yxy(81.9054, 0.2837, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C8F1F7
RGB	200, 241, 247
RGB Percent	78%, 95%, 97%
CMY	0.2159, 0.0548, 0.0313
CMYK	0.19, 0.02, 0.00, 0.03
HSL	188°, 75%, 88%
HSV	188°, 19%, 97%
XYZ	72.0514, 81.9054, 100.0135
YIQ	229.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

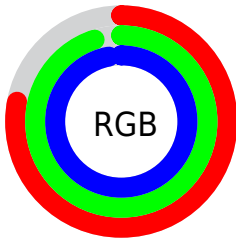
Format	Color
R _Y B	200, 222, 247
Decimal	13169143
CIE Lab	92.53, -11.91, -7.29
CIE LCh	93, 13.966, 211.459
Yxy	81.9054, 0.2837, 0.3225
Android (android.graphics.Color)	4291359223 (0xFFC8F1F7)
YUV	229.4250, 8.6645, -25.8057
Hunter-Lab	90.5016, -16.2680, -2.1704

Details

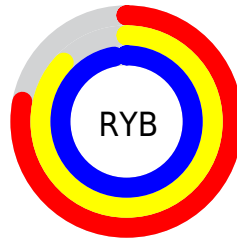
The Yxy color **81.9054, 0.2837, 0.3225** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0509, 0.3491, 0.3354**, and the grayscale version is **78.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4793, 0.2770, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **76.9343, 0.2695, 0.3187**, and if you desaturate by 10%, it is **87.4647, 0.2987, 0.3261**.

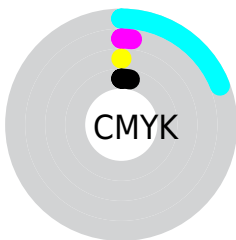
Distribution



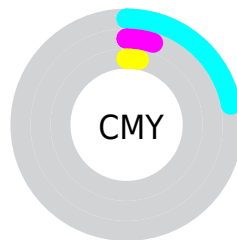
- Red (78%)
- Green (95%)
- Blue (97%)



- Red (78%)
- Yellow (87%)
- Blue (97%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9054, 0.2837, 0.3225 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 81.9054, 0.2837, 0.3225 by changing the saturation by 10% instead.

81.9054, 0.2837,
0.3225

81.9054, 0.2837,
0.3225

501.3312, 0.2967,
0.3256

61.2876, 0.2808,
0.3218

136.0413, 0.2881,
0.3236

44.4573, 0.2773,
0.3209

170.3282, 0.2899,
0.3240

31.0302, 0.2729,
0.3197

209.9402, 0.2914,
0.3244

20.6218, 0.2673,
0.3182

255.2618, 0.2927,
0.3247

12.8478, 0.2598,
0.3160

306.6773, 0.2939,
0.3250

7.3239, 0.2494,
0.3129

364.5711, 0.2950,

3.6655, 0.2341,

0.3252

0.3079

429.3276, 0.2959,
0.3254

■ 1.4882, 0.2091,
0.2987

■ 0.2804, 0.0000,
0.2560

■ 81.9054, 0.2837,
0.3225

■ 81.9054, 0.2837,
0.3225

■ 76.9343, 0.2695,
0.3187

■ 87.4647, 0.2987,
0.3261

■ 72.5148, 0.2564,
0.3146

■ 93.6268, 0.3142,
0.3293

■ 68.6215, 0.2447,
0.3103

■ 96.6264, 0.3176,
0.3323

■ 65.2232, 0.2347,
0.3059

■ 98.6009, 0.3174,
0.3353

■ 62.2848, 0.2265,
0.3014

■ 99.4960, 0.3173,
0.3366

■ 59.7665, 0.2203,
0.2969

■ 57.6212, 0.2160,
0.2924

■ 55.7780, 0.2134,
0.2879

■ 55.6112, 0.2132,
0.2875

Harmonies

Analogous

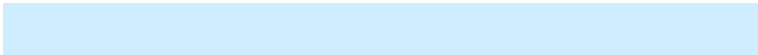
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9054, 0.2929, 0.3375



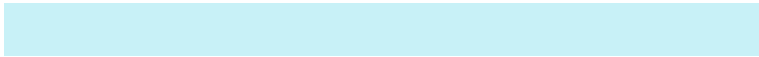
81.9054, 0.2837, 0.3225



81.9054, 0.2820, 0.3098

Triad

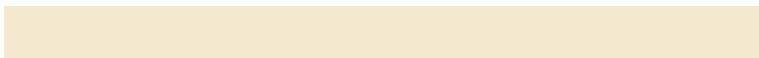
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9054, 0.2837, 0.3225



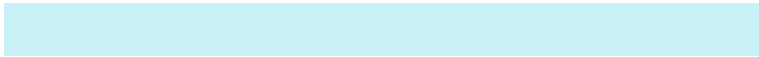
81.9054, 0.3174, 0.3090



81.9054, 0.3373, 0.3557

Complementary

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



81.9054, 0.2837, 0.3225



68.0509, 0.3491, 0.3354

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.



81.9054, 0.3443, 0.3472



81.9054, 0.2837, 0.3225



81.9054, 0.3327, 0.3204

Square

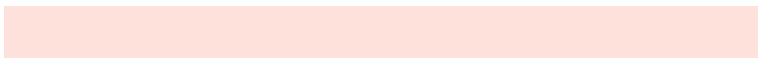
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9054, 0.2837, 0.3225



81.9054, 0.3012, 0.3025



81.9054, 0.3426, 0.3343



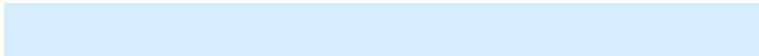
81.9054, 0.3238, 0.3571

Rectangle

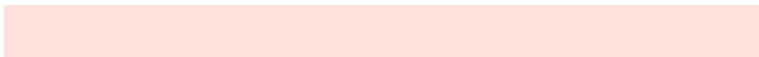
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



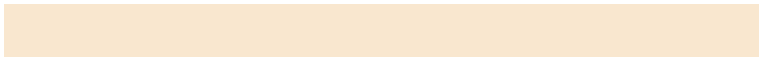
81.9054, 0.2837, 0.3225



81.9054, 0.2854, 0.3043



81.9054, 0.3426, 0.3343



81.9054, 0.3406, 0.3536

Sweetspot

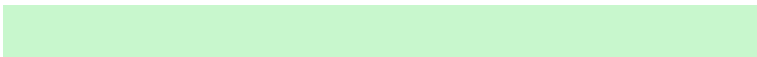
The Sweet Spot groups the original color and five complimentary colors.



81.9088, 0.2837, 0.3225



95.9769, 0.3034, 0.3271



83.2264, 0.3071, 0.3751



20.4524, 0.3024, 0.3269



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.



81.9088, 0.2837, 0.3225



85.8531, 0.2779, 0.3210



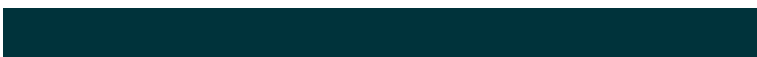
69.1202, 0.2822, 0.2971



18.3768, 0.2981, 0.3259



29.5554, 0.2134, 0.2883



2.6962, 0.2150, 0.2939

Inverse Universe

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



67.4077, 0.3192, 0.2873



67.6465, 0.3208, 0.2784



79.9624, 0.3447, 0.3590



16.7299, 0.3157, 0.3086



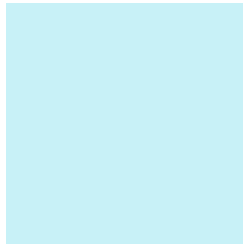
13.0830, 0.3559, 0.1734



1.1598, 0.3509, 0.1707

Previews

White Background



This preview shows how the Yxy color 81.9054, 0.2837, 0.3225 looks on a white background.

Color Contrast Check

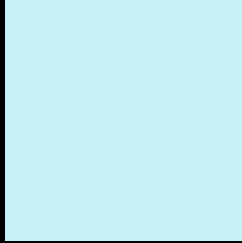
Large Text (above 18pt) WCAG AA × Fail

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 81.9054, 0.2837, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

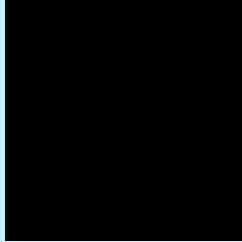
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9054, 0.2837, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 81.9054, 0.2837, 0.3225.

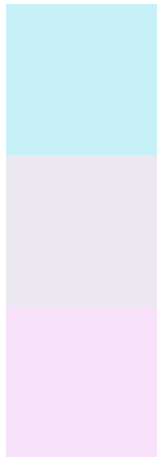


This preview shows how white text looks on a background with the Yxy color 81.9054, 0.2837, 0.3225.

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

81.9054, 0.2837, 0.3225

Protanopia

81.7263, 0.3091, 0.3198

Deuteranopia

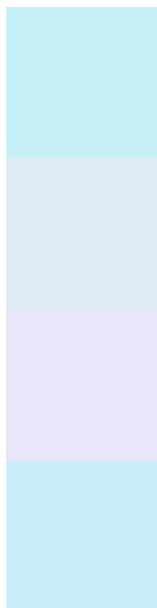
81.2513, 0.3125, 0.3053



Tritanopia

81.6345, 0.2833, 0.3111

Trichromacy



Original Color

81.9054, 0.2837, 0.3225

Protanomaly

81.4173, 0.2993, 0.3206

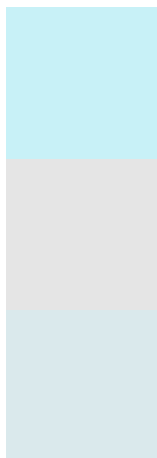
Deuteranomaly

80.9803, 0.3016, 0.3106

Tritanomaly

81.5986, 0.2833, 0.3152

Monochromacy



Original Color

81.9054, 0.2837, 0.3225

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.2394, 0.3009, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9054, 0.2837, 0.3225 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(200, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 247)  
}
```

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(200, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 247) }
```

Border

The CSS property to change the border of an element to Yxy 81.9054, 0.2837, 0.3225 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(200, 241, 247) }
```

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

```
.border{ border-color:rgb(200, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9054, 0.2837, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 247) }
```

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

```
.background{ background-color: rgb(200,  
241, 247) }
```

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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