

Converting Colors

Yxy(81.6721, 0.2838, 0.3299)

Have a look what the booklet for
Yxy(81.6721, 0.2838, 0.3299)
contains.

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Color

Yxy(81.4572, 0.2841, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	C3F2F1
RGB	195, 242, 241
RGB Percent	76%, 95%, 95%
CMY	0.2355, 0.0509, 0.0548
CMYK	0.19, 0.00, 0.00, 0.05
HSL	179°, 64%, 86%
HSV	179°, 19%, 95%
XYZ	70.1272, 81.4572, 95.2556
YIQ	227.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

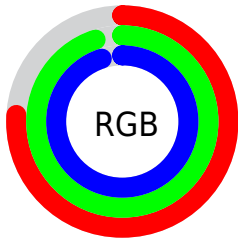
Format	Color
R_{YB}	195, 219, 242
Decimal	12841713
CIE _{Lab}	92.33, -15.15, -4.50
CIE _{LCh}	92, 15.807, 196.531
Yxy	81.4572, 0.2841, 0.3300
Android (android.graphics.Color)	4291031793 (0xFFC3F2F1)
YUV	227.8330, 6.4913, -28.7945
Hunter-Lab	90.2536, -19.2491, 0.6017

Details

The Yxy color **81.4572, 0.2841, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8730, 0.3504, 0.3280**, and the grayscale version is **77.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **44.1960, 0.2775, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **78.4640, 0.2709, 0.3306**, and if you desaturate by 10%, it is **84.9796, 0.2984, 0.3295**.

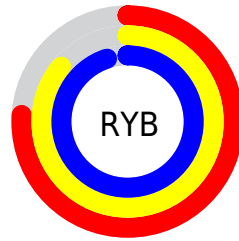
Distribution



Red (76%)

Green (95%)

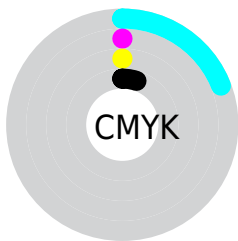
Blue (95%)



Red (76%)

Yellow (86%)

Blue (95%)

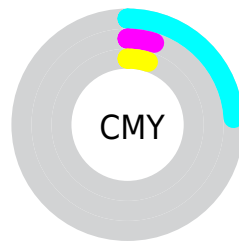


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4572, 0.2841, 0.3300 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 81.4572, 0.2841, 0.3300 by changing the saturation by 10% instead.

81.4572, 0.2841,
0.3300

81.4572, 0.2841,
0.3300

499.8302, 0.2970,
0.3297

60.9182, 0.2812,
0.3300

135.4125, 0.2885,
0.3299

44.1592, 0.2777,
0.3301

169.5977, 0.2902,
0.3299

30.7957, 0.2734,
0.3301

209.1004, 0.2917,
0.3298

20.4433, 0.2678,
0.3301

254.3050, 0.2930,
0.3298

12.7177, 0.2603,
0.3300

305.5958, 0.2942,
0.3298

7.2344, 0.2499,
0.3297

363.3574, 0.2952,

3.6091, 0.2344,

0.3297

427.9741, 0.2962,
0.3297

0.3291

1.4574, 0.2090,
0.3271

0.2585, 0.0000,
0.3025

81.4572, 0.2841,
0.3300

81.4572, 0.2841,
0.3300

78.4640, 0.2709,
0.3306

84.9796, 0.2984,
0.3295

75.9649, 0.2591,
0.3312


89.0445, 0.3136,
0.3290

73.9358, 0.2490,
0.3319


91.2171, 0.3209,
0.3285


72.3472, 0.2408,
0.3325


91.2482, 0.3206,
0.3280

 71.1656, 0.2345,
0.3332

 91.2793, 0.3203,
0.3275


 70.3533, 0.2301,
0.3339


 91.3105, 0.3199,
0.3270


 69.8651, 0.2276,
0.3346

 91.3418, 0.3196,
0.3265

 69.6300, 0.2265,
0.3353

 91.3732, 0.3193,
0.3260

 69.6197, 0.2265,
0.3353

 91.4047, 0.3190,
0.3255

Harmonies

Analogous

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



81.4572, 0.2979, 0.3466



81.4572, 0.2841, 0.3300



81.4572, 0.2778, 0.3137

Triad

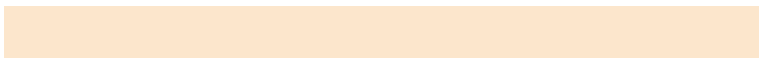
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4572, 0.2841, 0.3300



81.4572, 0.3086, 0.3019



81.4572, 0.3457, 0.3553

Complementary

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



81.4572, 0.2841, 0.3300



61.8730, 0.3504, 0.3280

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.



81.4572, 0.3489, 0.3426



81.4572, 0.2841, 0.3300



81.4572, 0.3271, 0.3123

Square

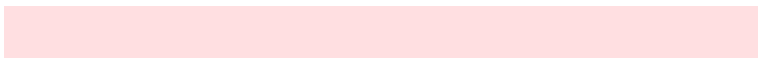
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4572, 0.2841, 0.3300



81.4572, 0.2916, 0.2981



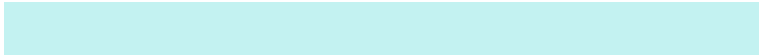
81.4572, 0.3421, 0.3270



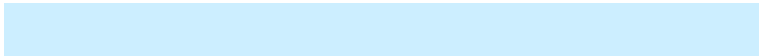
81.4572, 0.3335, 0.3613

Rectangle

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



81.4572, 0.2841, 0.3300



81.4572, 0.2786, 0.3053



81.4572, 0.3421, 0.3270



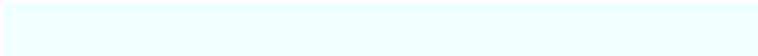
81.4572, 0.3479, 0.3516

Sweetspot

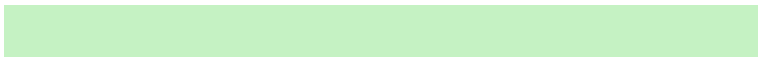
The Sweet Spot groups the original color and five complimentary colors.



81.4605, 0.2841, 0.3300



97.1919, 0.3035, 0.3293



79.2569, 0.3112, 0.3824



20.7406, 0.3026, 0.3293



0.0000, 0.0000, 0.0000



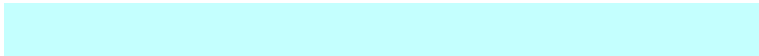
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4605, 0.2841, 0.3300



90.4427, 0.2792, 0.3302



69.2220, 0.2821, 0.3045



17.9228, 0.2984, 0.3295



37.3980, 0.2265, 0.3352



3.1130, 0.2262, 0.3343

Inverse Universe

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



61.8730, 0.3504, 0.3280



64.9566, 0.3594, 0.3278



72.4001, 0.3468, 0.3523



15.7643, 0.3290, 0.3285



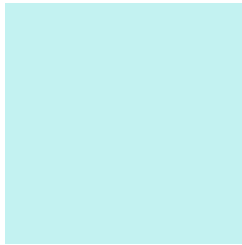
10.1496, 0.6378, 0.3287



0.8463, 0.6319, 0.3254

Previews

White Background



This preview shows how the Yxy color 81.4572, 0.2841, 0.3300 looks on a white background.

Color Contrast Check

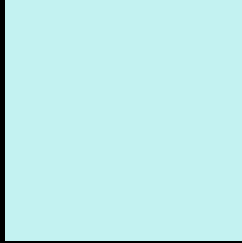
Large Text (above 18pt) WCAG AA × Fail

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 81.4572, 0.2841, 0.3300 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 81.4572, 0.2841, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.4572, 0.2841, 0.3300.

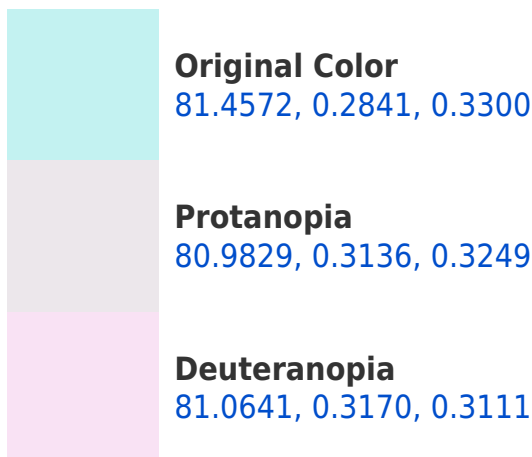


This preview shows how white text looks on a background with the Yxy color 81.4572, 0.2841, 0.3300.

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

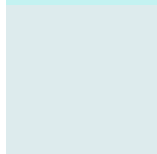
81.2064, 0.2816, 0.3110

Trichromacy



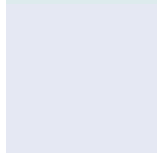
Original Color

81.4572, 0.2841, 0.3300



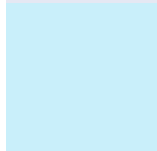
Protanomaly

80.9032, 0.3023, 0.3269



Deuteranomaly

80.8423, 0.3039, 0.3176



Tritanomaly

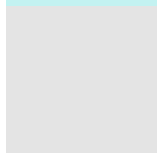
81.0526, 0.2826, 0.3172

Monochromacy



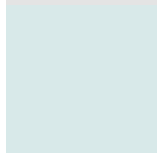
Original Color

81.4572, 0.2841, 0.3300



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

78.7599, 0.3014, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4572, 0.2841, 0.3300 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(195, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 242, 241)  
}
```

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(195, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 242, 241) }
```

Border

The CSS property to change the border of an element to Yxy 81.4572, 0.2841, 0.3300 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(195, 242, 241) }
```

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

```
.border{ border-color:rgb(195, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 242,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4572, 0.2841, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 242, 241) }
```

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

```
.background{ background-color: rgb(195,  
242, 241) }
```

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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