

Converting Colors

Yxy(80.9194, 0.2881, 0.3275)

Have a look what the booklet for
Yxy(80.9194, 0.2881, 0.3275)
contains.

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Color

Yxy(81.2276, 0.2882, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CAF0F1
RGB	202, 240, 241
RGB Percent	79%, 94%, 95%
CMY	0.2078, 0.0588, 0.0551
CMYK	0.16, 0.00, 0.00, 0.06
HSL	181°, 58%, 87%
HSV	181°, 16%, 94%
XYZ	71.3931, 81.2276, 95.1000
YIQ	228.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

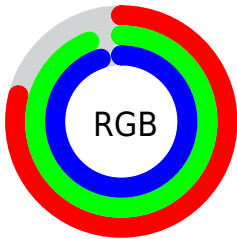
Format	Color
R _Y B	202, 221, 241
Decimal	13299953
CIE Lab	92.23, -12.01, -4.57
CIE LCh	92, 12.852, 200.826
Yxy	81.2276, 0.2882, 0.3279
Android (android.graphics.Color)	4291490033 (0xFFCAF0F1)
YUV	228.7520, 6.0383, -23.4615
Hunter-Lab	90.1264, -16.3233, 0.5265

Details

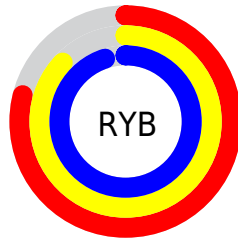
The Yxy color **81.2276, 0.2882, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6585, 0.3433, 0.3301**, and the grayscale version is **78.1333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9868, 0.2824, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **77.7811, 0.2743, 0.3272**, and if you desaturate by 10%, it is **85.2068, 0.3031, 0.3286**.

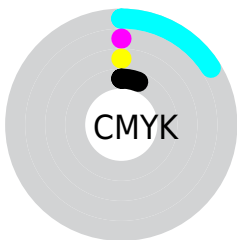
Distribution



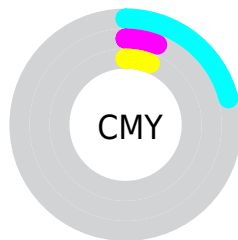
- Red (79%)
- Green (94%)
- Blue (95%)



- Red (79%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2276, 0.2882, 0.3279 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 81.2276, 0.2882, 0.3279 by changing the saturation by 10% instead.

81.2276, 0.2882,
0.3279

81.2276, 0.2882,
0.3279

499.0604, 0.2993,
0.3285

60.7291, 0.2857,
0.3277

135.0903, 0.2920,
0.3281

44.0066, 0.2827,
0.3275

169.2233, 0.2935,
0.3282

30.6757, 0.2790,
0.3273

208.6698, 0.2948,
0.3283

20.3520, 0.2741,
0.3269

253.8144, 0.2959,
0.3283

12.6512, 0.2677,
0.3263

305.0413, 0.2969,
0.3284

7.1888, 0.2587,
0.3254

362.7350, 0.2978,

3.5804, 0.2452,

0.3284

0.3238

427.2799, 0.2985,
0.3285

1.4418, 0.2230,
0.3204

0.2472, 0.0000,
0.2958

81.2276, 0.2882,
0.3279

81.2276, 0.2882,
0.3279

77.7811, 0.2743,
0.3272

85.2068, 0.3031,
0.3286

74.8328, 0.2616,
0.3264

89.7312, 0.3188,
0.3292

72.3600, 0.2505,
0.3256

90.9776, 0.3219,
0.3298

70.3341, 0.2412,
0.3247

91.3286, 0.3219,
0.3304

68.7234, 0.2338,
0.3239

91.6808, 0.3218,
0.3310

67.4922, 0.2284,
0.3231

92.0341, 0.3218,
0.3315

66.5985, 0.2249,
0.3223

92.3885, 0.3217,
0.3321

65.9904, 0.2230,
0.3215

92.7441, 0.3217,
0.3327

65.8009, 0.2226,
0.3212

93.1008, 0.3216,
0.3332

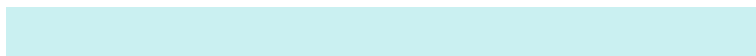
Harmonies

Analogous

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



81.2276, 0.2988, 0.3415



81.2276, 0.2882, 0.3279



81.2276, 0.2841, 0.3150

Triad

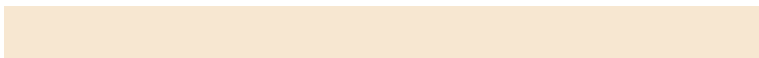
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2276, 0.2882, 0.3279



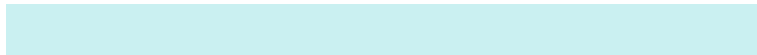
81.2276, 0.3116, 0.3077



81.2276, 0.3386, 0.3515

Complementary

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



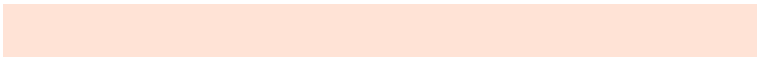
81.2276, 0.2882, 0.3279



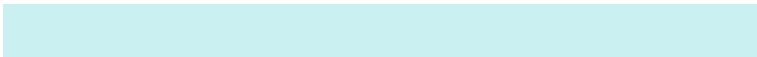
65.6585, 0.3433, 0.3301

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.



81.2276, 0.3423, 0.3419



81.2276, 0.2882, 0.3279



81.2276, 0.3265, 0.3169

Square

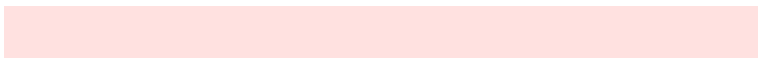
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2276, 0.2882, 0.3279



81.2276, 0.2973, 0.3038



81.2276, 0.3378, 0.3293



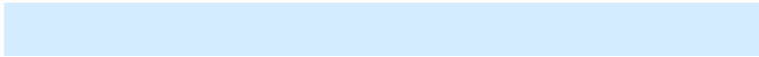
81.2276, 0.3279, 0.3553

Rectangle

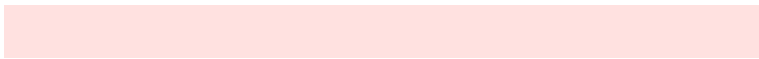
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2276, 0.2882, 0.3279



81.2276, 0.2854, 0.3086



81.2276, 0.3378, 0.3293



81.2276, 0.3407, 0.3489

Sweetspot

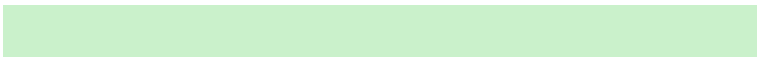
The Sweet Spot groups the original color and five complimentary colors.



81.2310, 0.2882, 0.3279



97.4627, 0.3049, 0.3287



79.7411, 0.3103, 0.3718



20.7874, 0.3038, 0.3286



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.



81.2310, 0.2882, 0.3279



91.1868, 0.2840, 0.3277



70.5369, 0.2873, 0.3068



17.8587, 0.2981, 0.3284



35.7277, 0.2226, 0.3213



2.9931, 0.2229, 0.3223

Inverse Universe

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



67.2363, 0.3153, 0.2899



72.8118, 0.3157, 0.2828



75.2748, 0.3400, 0.3502



16.0244, 0.3142, 0.3063



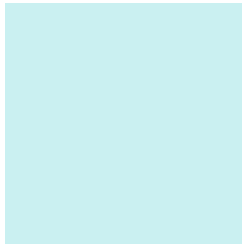
13.4001, 0.3271, 0.1576



1.1169, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 81.2276, 0.2882, 0.3279 looks on a white background.

Color Contrast Check

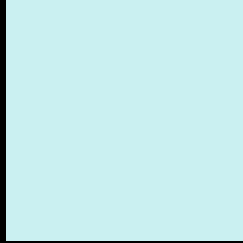
Large Text (above 18pt) WCAG AA × Fail

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 81.2276, 0.2882, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

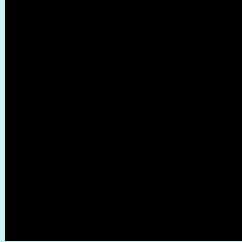
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.2276, 0.2882, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 81.2276, 0.2882, 0.3279.

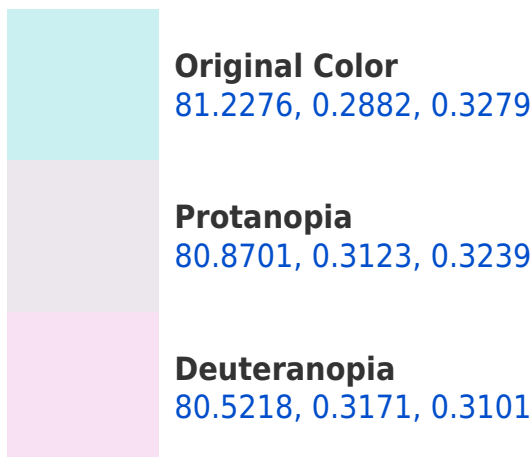


This preview shows how white text looks on a background with the Yxy color 81.2276, 0.2882, 0.3279.

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

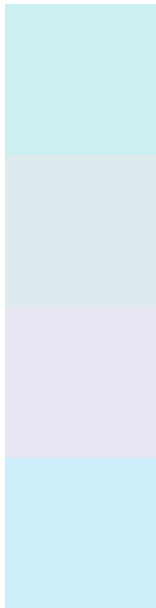




Tritanopia

81.0538, 0.2833, 0.3100

Trichromacy



Original Color

81.2276, 0.2882, 0.3279

Protanomaly

80.7067, 0.3030, 0.3248

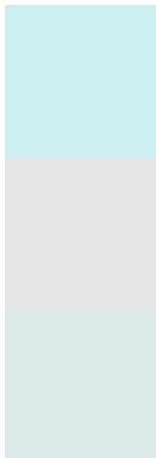
Deuteranomaly

80.2205, 0.3059, 0.3156

Tritanomaly

81.0303, 0.2849, 0.3162

Monochromacy



Original Color

81.2276, 0.2882, 0.3279

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.2211, 0.3034, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2276, 0.2882, 0.3279 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(202, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(202, 240, 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(202, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 240, 241) }
```

Border

The CSS property to change the border of an element to Yxy 81.2276, 0.2882, 0.3279 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(202, 240, 241) }
```

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

```
.border{ border-color:rgb(202, 240, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(202, 240,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2276, 0.2882, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 240, 241) }
```

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

```
.background{ background-color: rgb(202,  
240, 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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