

Converting Colors

$Yxy(88.1541, 0.2894, 0.3295)$

Have a look what the booklet for
Yxy(88.1541, 0.2894, 0.3295)
contains.

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Color

Yxy(88.2303, 0.2895, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	D2F9F8
RGB	210, 249, 248
RGB Percent	82%, 98%, 97%
CMY	0.1763, 0.0235, 0.0276
CMYK	0.16, 0.00, 0.00, 0.02
HSL	178°, 76%, 90%
HSV	178°, 16%, 98%
XYZ	77.4020, 88.2303, 101.7322
YIQ	237.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

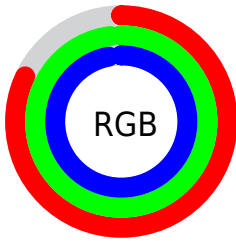
Format	Color
R _Y B	210, 230, 249
Decimal	13826552
CIE Lab	95.26, -12.64, -3.70
CIE LCh	95, 13.171, 196.308
Yxy	88.2303, 0.2895, 0.3300
Android (android.graphics.Color)	4292016632 (0xFFD2F9F8)
YUV	237.2250, 5.3121, -23.8763
Hunter-Lab	93.9310, -17.2897, 1.5375

Details

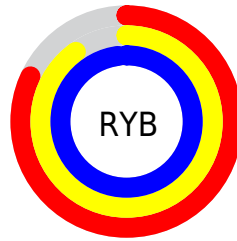
The Yxy color **88.2303, 0.2895, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9607, 0.3416, 0.3280**, and the grayscale version is **84.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9143, 0.2843, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **84.8174, 0.2759, 0.3307**, and if you desaturate by 10%, it is **92.2193, 0.3041, 0.3293**.

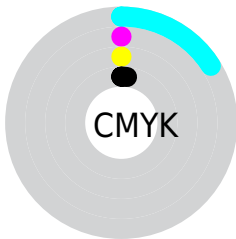
Distribution



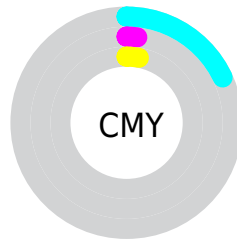
- Red (82%)
- Green (98%)
- Blue (97%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2303, 0.2895, 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 88.2303, 0.2895, 0.3300 by changing the saturation by 10% instead.

88.2303, 0.2895,
0.3300

88.2303, 0.2895,
0.3300

522.2571, 0.2998,
0.3296

66.5138, 0.2872,
0.3301

144.8777, 0.2930,
0.3299

48.6896, 0.2845,
0.3301

180.5775, 0.2944,
0.3298

34.3733, 0.2811,
0.3302

221.7071, 0.2956,
0.3298

23.1806, 0.2767,
0.3302

268.6510, 0.2966,
0.3298

14.7269, 0.2710,
0.3303

321.7935, 0.2976,
0.3297

8.6279, 0.2631,
0.3303

381.5192, 0.2984,

4.4993, 0.2515,

0.3297

0.3301

448.2122, 0.2992,
0.3297

■ 1.9566, 0.2330,
0.3294

■ 0.5821, 0.1423,
0.3386

■ 88.2303, 0.2895,
0.3300

■ 88.2303, 0.2895,
0.3300

■ 84.8174, 0.2759,
0.3307

■ 92.2193, 0.3041,
0.3293

■ 81.9434, 0.2636,
0.3315

■ 95.8678, 0.3164,
0.3287

■ 79.5837, 0.2528,
0.3323

■ 95.9090, 0.3160,
0.3281

■ 77.7075, 0.2439,
0.3331


■ 95.9503, 0.3156,
0.3275

 76.2807, 0.2369,
0.3340

 95.9917, 0.3152,
0.3268


 75.2647, 0.2318,
0.3349


 96.0333, 0.3148,
0.3262


 74.6145, 0.2287,
0.3357

 96.0750, 0.3144,
0.3256

 74.2744, 0.2272,
0.3366

 96.1169, 0.3140,
0.3250

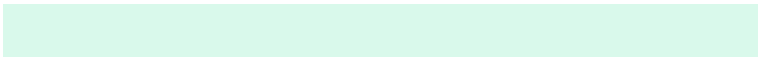
 74.1870, 0.2269,
0.3369

 96.1589, 0.3136,
0.3243

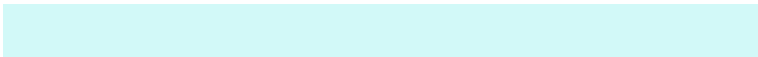
Harmonies

Analogous

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



88.2303, 0.3009, 0.3433



88.2303, 0.2895, 0.3300



88.2303, 0.2843, 0.3168

Triad

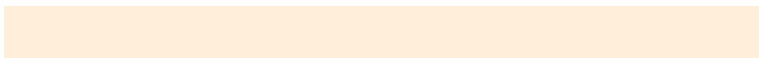
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2303, 0.2895, 0.3300



88.2303, 0.3093, 0.3068



88.2303, 0.3395, 0.3504

Complementary

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



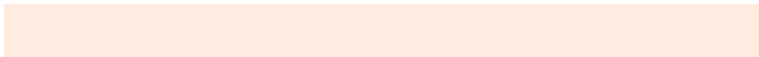
88.2303, 0.2895, 0.3300



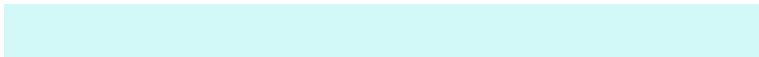
70.9607, 0.3416, 0.3280

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.



88.2303, 0.3420, 0.3401



88.2303, 0.2895, 0.3300



88.2303, 0.3243, 0.3153

Square

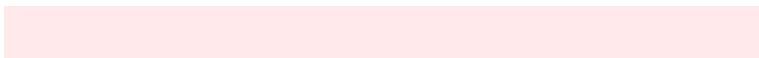
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2303, 0.2895, 0.3300



88.2303, 0.2955, 0.3038



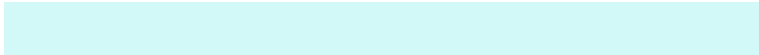
88.2303, 0.3364, 0.3274



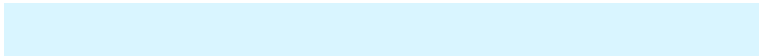
88.2303, 0.3298, 0.3551

Rectangle

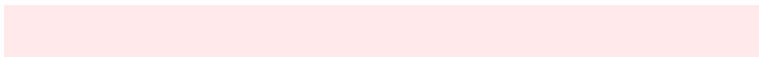
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



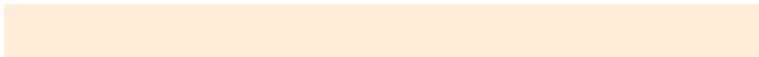
88.2303, 0.2895, 0.3300



88.2303, 0.2849, 0.3099



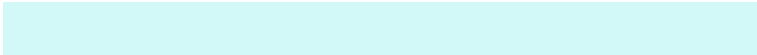
88.2303, 0.3364, 0.3274



88.2303, 0.3413, 0.3474

Sweetspot

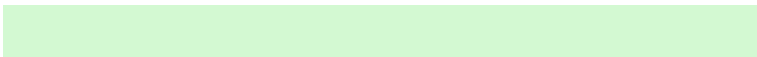
The Sweet Spot groups the original color and five complimentary colors.



88.2340, 0.2895, 0.3300



97.6399, 0.3051, 0.3293



86.3052, 0.3116, 0.3710



20.8307, 0.3040, 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.



88.2340, 0.2895, 0.3300



91.8586, 0.2848, 0.3302



77.5982, 0.2882, 0.3096



19.6002, 0.2984, 0.3296



39.7152, 0.2269, 0.3368



3.6808, 0.2266, 0.3358

Inverse Universe

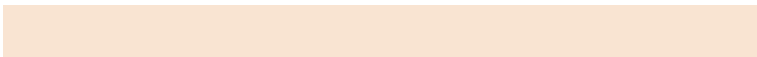
The Inverse Universe completely reimagines the original color for something new.



70.9607, 0.3416, 0.3280



70.2135, 0.3493, 0.3278



80.4040, 0.3394, 0.3476



17.2326, 0.3290, 0.3284



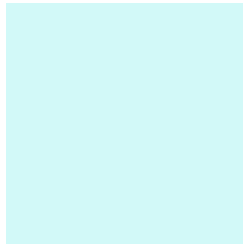
10.7914, 0.6374, 0.3285



1.0020, 0.6307, 0.3248

Previews

White Background



This preview shows how the Yxy color 88.2303, 0.2895, 0.3300 looks on a white background.

Color Contrast Check

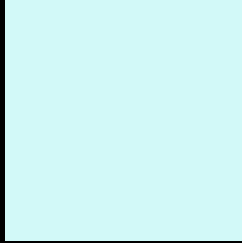
Large Text (above 18pt) WCAG AA × Fail

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 88.2303, 0.2895, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

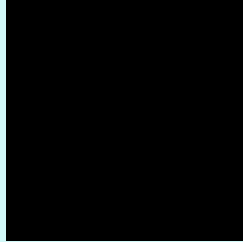
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2303, 0.2895, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 88.2303, 0.2895, 0.3300.

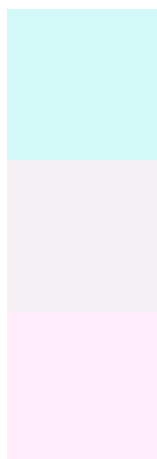


This preview shows how white text looks on a background with the Yxy color 88.2303, 0.2895, 0.3300.

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



Original Color

88.2303, 0.2895, 0.3300

Protanopia

88.0243, 0.3135, 0.3260

Deuteranopia

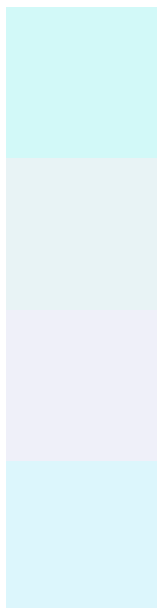
87.5162, 0.3174, 0.3154



Tritanopia

88.0901, 0.2950, 0.3178

Trichromacy



Original Color

88.2303, 0.2895, 0.3300

Protanomaly

87.8496, 0.3045, 0.3270

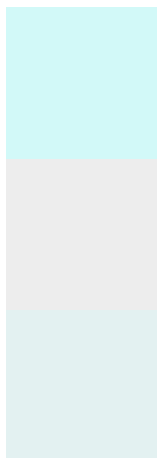
Deuteranomaly

87.5105, 0.3066, 0.3200

Tritanomaly

88.1555, 0.2931, 0.3228

Monochromacy



Original Color

88.2303, 0.2895, 0.3300

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.5924, 0.3037, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2303, 0.2895, 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(210, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 248)  
}
```

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(210, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.2303, 0.2895, 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(210, 249, 248) }
```

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

```
.border{ border-color:rgb(210, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 249, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 249, 248); box-shadow:4px 4px 4px 4px rgb(210, 249, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2303, 0.2895, 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(210, 249, 248) }
```

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

```
.background{ background-color: rgb(210,  
249, 248) }
```

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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