

Converting Colors

$Yxy(89.0257, 0.2897, 0.3346)$

Have a look what the booklet for
Yxy(89.0257, 0.2897, 0.3346)
contains.

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Color

Yxy(89.0581, 0.2895, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	D0FBF6
RGB	208, 251, 246
RGB Percent	82%, 98%, 96%
CMY	0.1842, 0.0157, 0.0355
CMYK	0.17, 0.00, 0.02, 0.02
HSL	173°, 84%, 90%
HSV	173°, 17%, 98%
XYZ	77.1464, 89.0581, 100.2770
YIQ	237.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

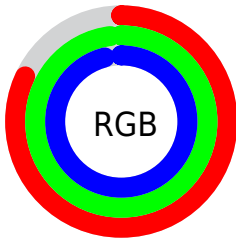
Format	Color
R _Y B	208, 231, 251
Decimal	13695990
CIE Lab	95.60, -14.65, -2.16
CIE LCh	96, 14.809, 188.401
Yxy	89.0581, 0.2895, 0.3342
Android (android.graphics.Color)	4291886070 (0xFFD0FBF6)
YUV	237.5730, 4.1545, -25.9355
Hunter-Lab	94.3706, -19.2278, 3.0586

Details

The Yxy color **89.0581, 0.2895, 0.3342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4485, 0.3419, 0.3239**, and the grayscale version is **85.1395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0736, 0.2842, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **85.5265, 0.2771, 0.3376**, and if you desaturate by 10%, it is **93.1757, 0.3028, 0.3311**.

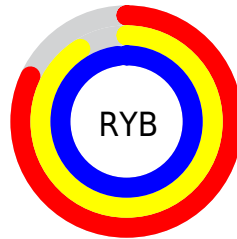
Distribution



Red (82%)

Green (98%)

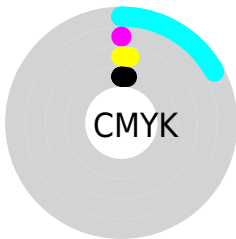
Blue (96%)



Red (82%)

Yellow (91%)

Blue (98%)

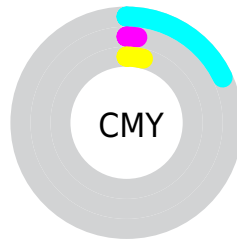


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (18%)


Magenta (2%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0581, 0.2895, 0.3342 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 89.0581, 0.2895, 0.3342 by changing the saturation by 10% instead.


 89.0581, 0.2895,
0.3342

 89.0581, 0.2895,
0.3342


524.9621, 0.2998,
0.3320

 67.1997, 0.2872,
0.3347


146.0294, 0.2930,
0.3334

 49.2469, 0.2845,
0.3353


181.9110, 0.2944,
0.3331

 34.8154, 0.2811,
0.3360


223.2359, 0.2956,
0.3329

 23.5207, 0.2767,
0.3369

270.3883, 0.2966,
0.3327

 14.9785, 0.2710,
0.3380

323.7528, 0.2976,
0.3324

 8.8043, 0.2631,
0.3396

383.7136, 0.2984,

 4.6137, 0.2515,

0.3323

0.3417

450.6553, 0.2991,
0.3321

■ 2.0225, 0.2330,
0.3449

■ 0.6205, 0.1382,
0.3695

■ 89.0581, 0.2895,
0.3342

■ 89.0581, 0.2895,
0.3342

■ 85.5265, 0.2771,
0.3376

■ 93.1757, 0.3028,
0.3311

■ 82.5429, 0.2659,
0.3413

■ 97.2738, 0.3147,
0.3282

■ 80.0816, 0.2561,
0.3451

■ 97.4620, 0.3130,
0.3254

■ 78.1109, 0.2481,
0.3491

■ 97.4750, 0.3129,
0.3252

■ 76.5953, 0.2420,
0.3532

■ 75.4947, 0.2379,
0.3573

■ 74.7618, 0.2356,
0.3615

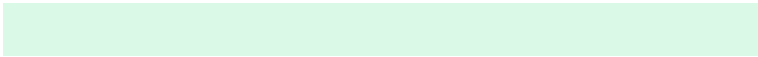
■ 74.3363, 0.2352,
0.3655

■ 74.2440, 0.2352,
0.3667

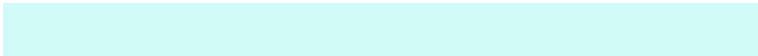
Harmonies

Analogous

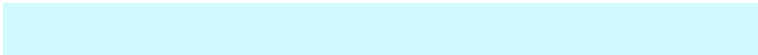
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0581, 0.3035, 0.3484



89.0581, 0.2895, 0.3342



89.0581, 0.2817, 0.3189

Triad

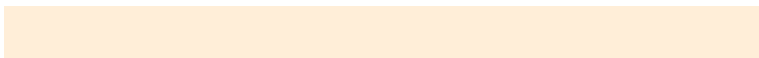
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0581, 0.2895, 0.3342



89.0581, 0.3045, 0.3027



89.0581, 0.3444, 0.3503

Complementary

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



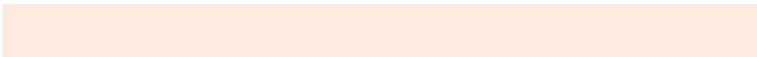
89.0581, 0.2895, 0.3342



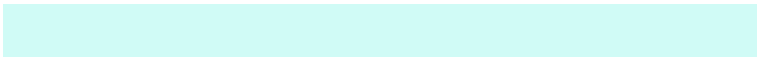
70.4485, 0.3419, 0.3239

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.



89.0581, 0.3448, 0.3377



89.0581, 0.2895, 0.3342



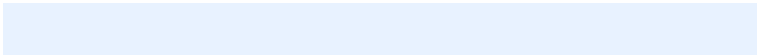
89.0581, 0.3214, 0.3107

Square

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



89.0581, 0.2895, 0.3342



89.0581, 0.2901, 0.3012



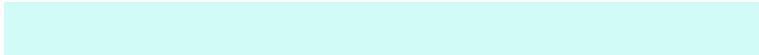
89.0581, 0.3363, 0.3234



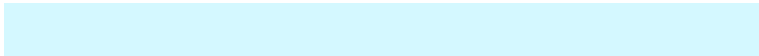
89.0581, 0.3353, 0.3576

Rectangle

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



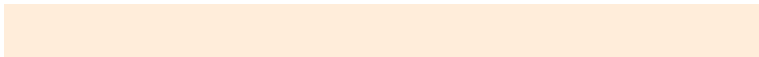
89.0581, 0.2895, 0.3342



89.0581, 0.2809, 0.3103



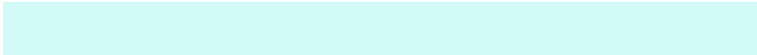
89.0581, 0.3363, 0.3234



89.0581, 0.3456, 0.3465

Sweetspot

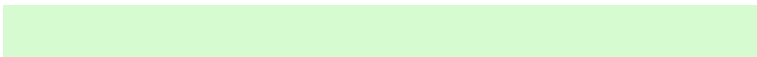
The Sweet Spot groups the original color and five complimentary colors.



89.0618, 0.2895, 0.3342



97.5655, 0.3057, 0.3304



87.8122, 0.3141, 0.3750



20.8125, 0.3048, 0.3306



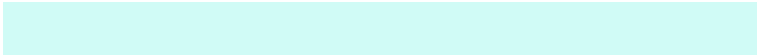
0.0000, 0.0000, 0.0000



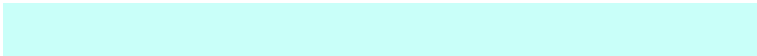
21.4041, 0.3127, 0.3290

Same Dimension

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



89.0618, 0.2895, 0.3342



90.8216, 0.2845, 0.3355



79.9396, 0.2860, 0.3123



19.5714, 0.2996, 0.3318



39.0395, 0.2350, 0.3660



3.6254, 0.2337, 0.3611

Inverse Universe

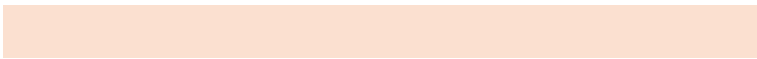
The Inverse Universe completely reimagines the original color for something new.



70.4485, 0.3419, 0.3239



67.7845, 0.3503, 0.3227



78.2649, 0.3430, 0.3452



17.2583, 0.3276, 0.3262



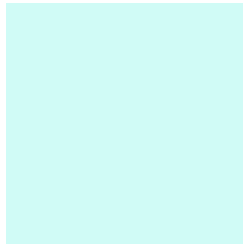
10.8390, 0.6259, 0.3221



1.0142, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 89.0581, 0.2895, 0.3342 looks on a white background.

Color Contrast Check

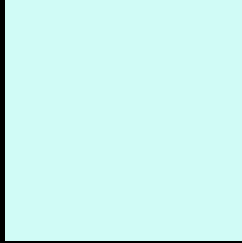
Large Text (above 18pt) WCAG AA × Fail

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 89.0581, 0.2895, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

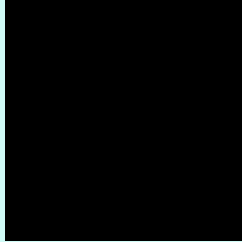
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

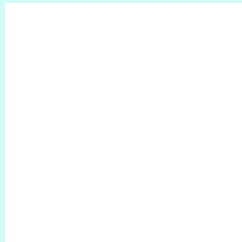
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0581, 0.2895, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 89.0581, 0.2895, 0.3342.

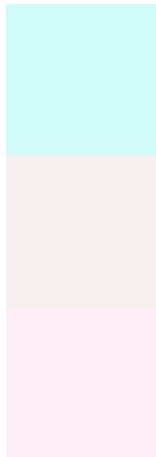


This preview shows how white text looks on a background with the Yxy color 89.0581, 0.2895, 0.3342.

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

89.0581, 0.2895, 0.3342

Protanopia

88.7947, 0.3166, 0.3300

Deuteranopia

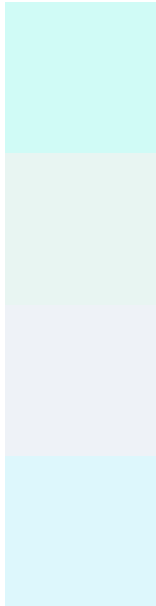
88.5438, 0.3185, 0.3193



Tritanopia

89.0188, 0.2962, 0.3189

Trichromacy



Original Color

89.0581, 0.2895, 0.3342

Protanomaly

88.8714, 0.3062, 0.3320

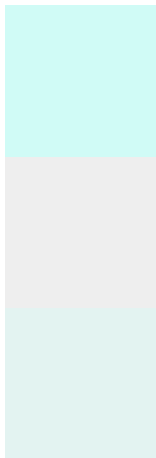
Deuteranomaly

88.3968, 0.3071, 0.3240

Tritanomaly

88.9220, 0.2937, 0.3238

Monochromacy



Original Color

89.0581, 0.2895, 0.3342

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.7830, 0.3037, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0581, 0.2895, 0.3342 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(208, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 246)  
}
```

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(208, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 246) }
```

Border

The CSS property to change the border of an element to Yxy 89.0581, 0.2895, 0.3342 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(208, 251, 246) }
```

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

```
.border{ border-color:rgb(208, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0581, 0.2895, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 246) }
```

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

```
.background{ background-color: rgb(208,  
251, 246) }
```

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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