

Converting Colors

$Y_{xy}(84.1779, 0.2938, 0.3258)$

Have a look what the booklet for
Yxy(84.1779, 0.2938, 0.3258)
contains.

Yxy(84.3930, 0.2933, 0.3258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.3930, 0.2933, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	D6F2F5
RGB	214, 242, 245
RGB Percent	84%, 95%, 96%
CMY	0.1606, 0.0510, 0.0392
CMYK	0.13, 0.01, 0.00, 0.04
HSL	186°, 61%, 90%
HSV	186°, 13%, 96%
XYZ	75.9744, 84.3930, 98.6657
YIQ	233.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

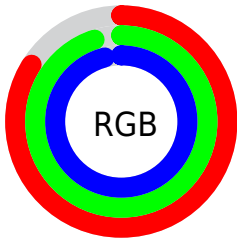
Format	Color
R _Y B	214, 229, 245
Decimal	14086901
CIE Lab	93.62, -8.47, -4.54
CIE LCh	94, 9.611, 208.160
Yxy	84.3930, 0.2933, 0.3258
Android (android.graphics.Color)	4292276981 (0xFFD6F2F5)
YUV	233.9700, 5.4378, -17.5137
Hunter-Lab	91.8657, -13.1425, 0.6272

Details

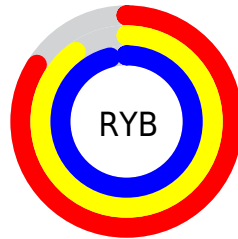
The Yxy color **84.3930, 0.2933, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9203, 0.3353, 0.3322**, and the grayscale version is **82.2313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1629, 0.2888, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **79.5773, 0.2787, 0.3230**, and if you desaturate by 10%, it is **89.7885, 0.3086, 0.3284**.

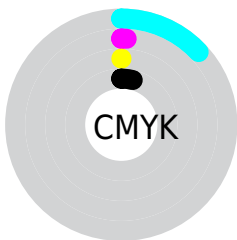
Distribution



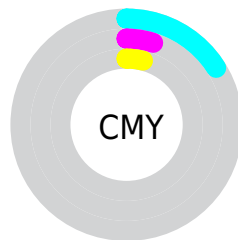
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (16%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3930, 0.2933, 0.3258 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 84.3930, 0.2933, 0.3258 by changing the saturation by 10% instead.


 84.3930, 0.2933,
0.3258

 84.3930, 0.2933,
0.3258

509.6174, 0.3020,
0.3273

 63.3400, 0.2914,
0.3254


139.5248, 0.2963,
0.3263

 46.1163, 0.2890,
0.3250


174.3723, 0.2974,
0.3265

 32.3376, 0.2861,
0.3244


214.5868, 0.2985,
0.3267

 21.6195, 0.2823,
0.3237

260.5527, 0.2993,
0.3269

 13.5776, 0.2774,
0.3227

312.6542, 0.3001,
0.3270

 7.8275, 0.2704,
0.3212

371.2760, 0.3008,

 3.9847, 0.2601,

0.3271

0.3188

436.8022, 0.3014,
0.3272

■ 1.6650, 0.2433,
0.3146

■ 0.4009, 0.1311,
0.3017

■ 84.3930, 0.2933,
0.3258

■ 84.3930, 0.2933,
0.3258

■ 79.5773, 0.2787,
0.3230

■ 89.7885, 0.3086,
0.3284

■ 75.3062, 0.2650,
0.3200

■ 94.2179, 0.3191,
0.3307

■ 71.5566, 0.2527,
0.3169

■ 95.6781, 0.3189,
0.3330

■ 68.2995, 0.2419,
0.3136

■ 97.1569, 0.3188,
0.3353

■ 65.5032, 0.2329,
0.3103

■ 98.6543, 0.3186,
0.3375

■ 63.1319, 0.2259,
0.3069

■ 99.3722, 0.3185,
0.3386

■ 61.1447, 0.2208,
0.3035

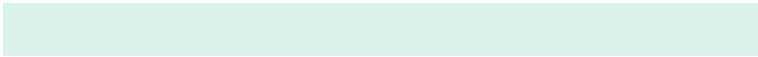
■ 59.4915, 0.2175,
0.3002

■ 58.4319, 0.2160,
0.2977

Harmonies

Analogous

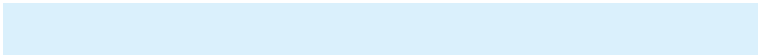
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3930, 0.3002, 0.3359



84.3930, 0.2933, 0.3258



84.3930, 0.2915, 0.3168

Triad

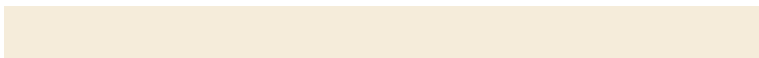
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3930, 0.2933, 0.3258



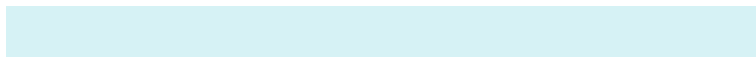
84.3930, 0.3147, 0.3145



84.3930, 0.3303, 0.3468

Complementary

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



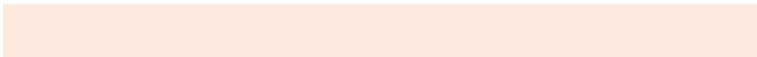
84.3930, 0.2933, 0.3258



73.9203, 0.3353, 0.3322

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.



84.3930, 0.3344, 0.3407



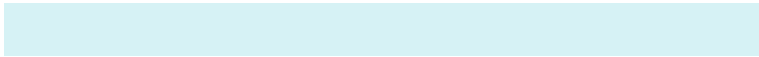
84.3930, 0.2933, 0.3258



84.3930, 0.3253, 0.3222

Square

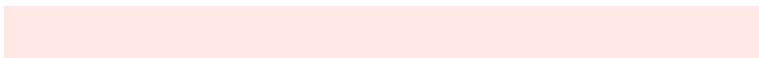
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3930, 0.2933, 0.3258



84.3930, 0.3038, 0.3106



84.3930, 0.3325, 0.3317



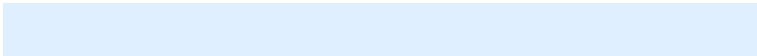
84.3930, 0.3215, 0.3482

Rectangle

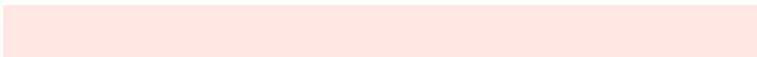
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3930, 0.2933, 0.3258



84.3930, 0.2935, 0.3127



84.3930, 0.3325, 0.3317



84.3930, 0.3323, 0.3452

Sweetspot

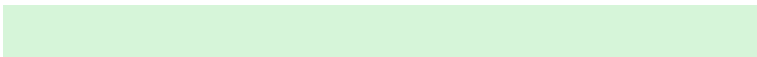
The Sweet Spot groups the original color and five complimentary colors.



84.3965, 0.2933, 0.3258



97.4871, 0.3065, 0.3280



84.5955, 0.3096, 0.3594



20.7676, 0.3053, 0.3278



0.0000, 0.0000, 0.0000



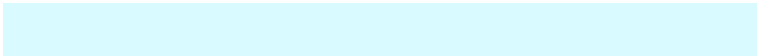
21.4041, 0.3127, 0.3290

Same Dimension

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



84.3965, 0.2933, 0.3258



91.1099, 0.2897, 0.3252



75.8028, 0.2929, 0.3098



18.4670, 0.2981, 0.3266



31.5941, 0.2162, 0.2983



2.8550, 0.2174, 0.3024

Inverse Universe

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



73.9399, 0.3162, 0.3007



77.7403, 0.3169, 0.2953



82.0389, 0.3333, 0.3475



16.7390, 0.3153, 0.3079



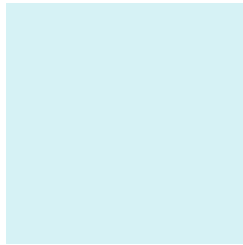
13.2888, 0.3469, 0.1685



1.1759, 0.3433, 0.1665

Previews

White Background



This preview shows how the Yxy color 84.3930, 0.2933, 0.3258 looks on a white background.

Color Contrast Check

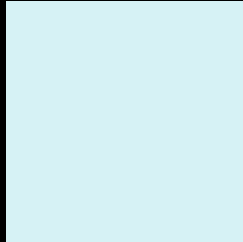
Large Text (above 18pt) WCAG AA × Fail

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 84.3930, 0.2933, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

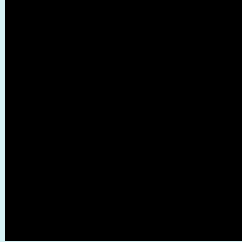
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

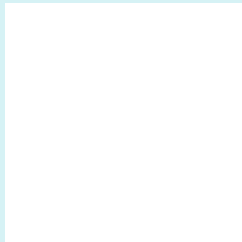
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3930, 0.2933, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 84.3930, 0.2933, 0.3258.

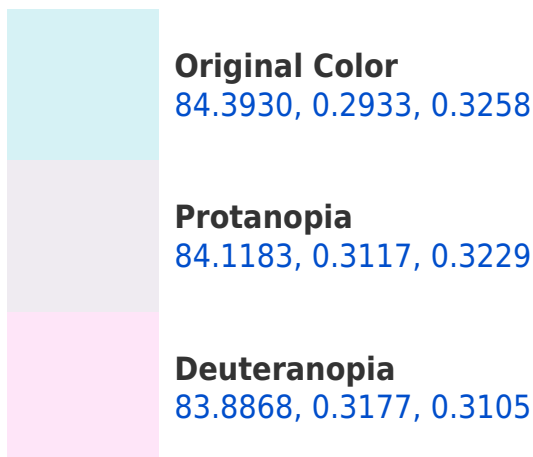


This preview shows how white text looks on a background with the Yxy color 84.3930, 0.2933, 0.3258.

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

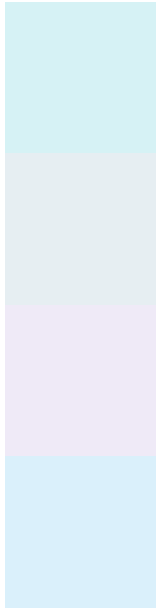




Tritanopia

84.1686, 0.2912, 0.3125

Trichromacy



Original Color

84.3930, 0.2933, 0.3258

Protanomaly

84.3829, 0.3051, 0.3249

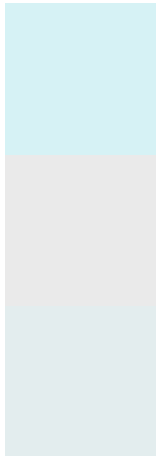
Deuteranomaly

83.9118, 0.3080, 0.3159

Tritanomaly

84.1906, 0.2923, 0.3176

Monochromacy



Original Color

84.3930, 0.2933, 0.3258

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.0723, 0.3055, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3930, 0.2933, 0.3258 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(214, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 242, 245)  
}
```

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(214, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 84.3930, 0.2933, 0.3258 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(214, 242, 245) }
```

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

```
.border{ border-color:rgb(214, 242, 245) }
```

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

Here you see how a box with a 4 pixel rgb(214, 242, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 242,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3930, 0.2933, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 242, 245) }
```

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

```
.background{ background-color: rgb(214,  
242, 245) }
```

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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