

Converting Colors

$Yxy(86.2777, 0.2956, 0.3350)$

Have a look what the booklet for
Yxy(86.2777, 0.2956, 0.3350)
contains.

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Color

Yxy(86.3489, 0.2956, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6F0
RGB	213, 246, 240
RGB Percent	84%, 96%, 94%
CMY	0.1643, 0.0354, 0.0587
CMYK	0.13, 0.00, 0.02, 0.04
HSL	169°, 65%, 90%
HSV	169°, 13%, 96%
XYZ	76.1478, 86.3489, 95.1074
YIQ	235.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

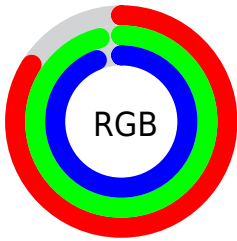
Format	Color
R _Y B	213, 231, 246
Decimal	14022384
CIE Lab	94.46, -11.74, -0.73
CIE LCh	94, 11.766, 183.566
Yxy	86.3489, 0.2956, 0.3352
Android (android.graphics.Color)	4292212464 (0xFFD5F6F0)
YUV	235.4490, 2.2436, -19.6878
Hunter-Lab	92.9241, -16.3432, 4.3638

Details

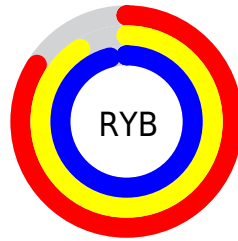
The Yxy color **86.3489, 0.2956, 0.3352** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3449, 0.3330, 0.3229**, and the grayscale version is **83.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.5567, 0.2918, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **82.6850, 0.2836, 0.3404**, and if you desaturate by 10%, it is **90.5845, 0.3083, 0.3305**.

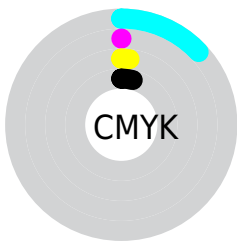
Distribution



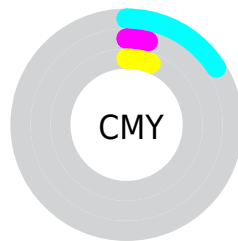
- Red (84%)
- Green (96%)
- Blue (94%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3489, 0.2956, 0.3352 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 86.3489, 0.2956, 0.3352 by changing the saturation by 10% instead.


 86.3489, 0.2956,
0.3352

 86.3489, 0.2956,
0.3352

516.0810, 0.3033,
0.3324

 64.9565, 0.2939,
0.3358


142.2563, 0.2982,
0.3343

 47.4258, 0.2918,
0.3365


177.5401, 0.2992,
0.3339

 33.3724, 0.2893,
0.3375


218.2231, 0.3001,
0.3336

 22.4119, 0.2859,
0.3386

264.6898, 0.3009,
0.3333

 14.1599, 0.2816,
0.3402

317.3245, 0.3016,
0.3330

 8.2319, 0.2755,
0.3423

376.5117, 0.3022,

 4.2437, 0.2664,

0.3328

442.6357, 0.3028,
0.3326

0.3455

1.8108, 0.2516,
0.3506

0.4939, 0.1444,
0.3902

86.3489, 0.2956,
0.3352

86.3489, 0.2956,
0.3352

82.6850, 0.2836,
0.3404

90.5845, 0.3083,
0.3305

79.5569, 0.2726,
0.3459

93.9945, 0.3167,
0.3262

76.9411, 0.2628,
0.3519

94.2759, 0.3141,
0.3219

74.8084, 0.2547,
0.3581

94.3790, 0.3131,
0.3204

■ 73.1264, 0.2483,
0.3646

■ 71.8587, 0.2439,
0.3712

■ 70.9634, 0.2414,
0.3778

■ 70.3893, 0.2409,
0.3844

■ 70.1355, 0.2413,
0.3887

Harmonies

Analogous

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



86.3489, 0.3075, 0.3460



86.3489, 0.2956, 0.3352



86.3489, 0.2883, 0.3229

Triad

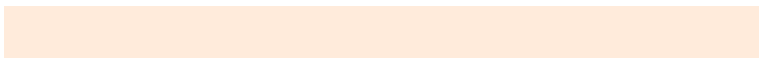
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3489, 0.2956, 0.3352



86.3489, 0.3041, 0.3071



86.3489, 0.3387, 0.3448

Complementary

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



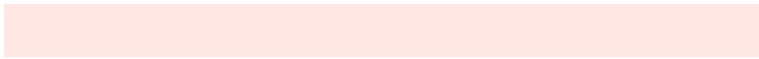
86.3489, 0.2956, 0.3352



72.3449, 0.3330, 0.3229

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.



86.3489, 0.3378, 0.3343



86.3489, 0.2956, 0.3352



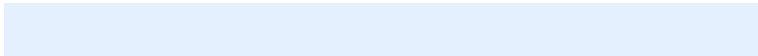
86.3489, 0.3176, 0.3129

Square

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



86.3489, 0.2956, 0.3352



86.3489, 0.2931, 0.3070



86.3489, 0.3300, 0.3227



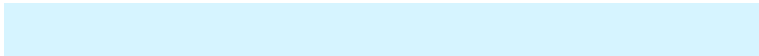
86.3489, 0.3325, 0.3514

Rectangle

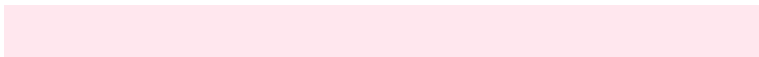
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



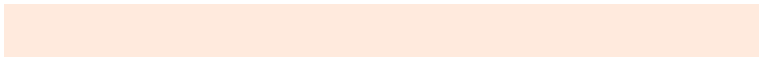
86.3489, 0.2956, 0.3352



86.3489, 0.2869, 0.3156



86.3489, 0.3300, 0.3227



86.3489, 0.3392, 0.3416

Sweetspot

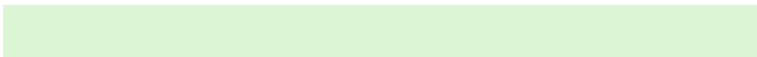
The Sweet Spot groups the original color and five complimentary colors.



86.3525, 0.2956, 0.3352



97.9981, 0.3075, 0.3308



85.7879, 0.3149, 0.3640



20.8975, 0.3065, 0.3311



0.0000, 0.0000, 0.0000



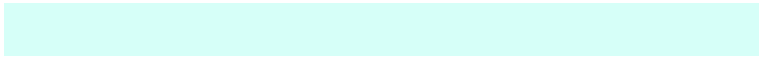
21.4041, 0.3127, 0.3290

Same Dimension

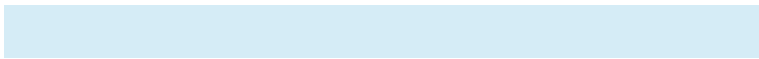
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3525, 0.2956, 0.3352



92.5992, 0.2923, 0.3365



80.5555, 0.2920, 0.3180



18.7033, 0.3005, 0.3333



37.4619, 0.2410, 0.3876



3.3057, 0.2387, 0.3794

Inverse Universe

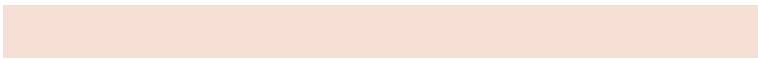
The Inverse Universe completely reimagines the original color for something new.



72.3449, 0.3330, 0.3229



74.7065, 0.3378, 0.3216



77.4471, 0.3358, 0.3398



16.5315, 0.3265, 0.3247



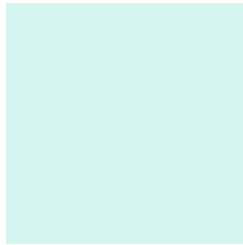
10.5718, 0.6124, 0.3147



0.9425, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 86.3489, 0.2956, 0.3352 looks on a white background.

Color Contrast Check

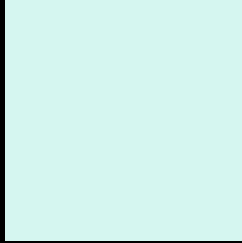
Large Text (above 18pt) WCAG AA × Fail

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 86.3489, 0.2956, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

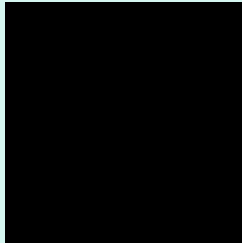
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

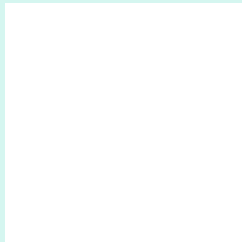
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3489, 0.2956, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 86.3489, 0.2956, 0.3352.

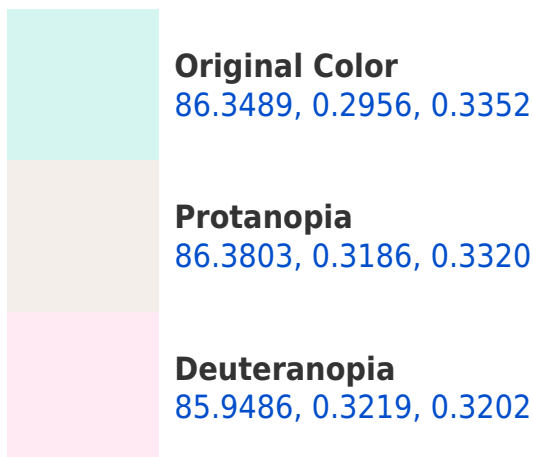


This preview shows how white text looks on a background with the Yxy color 86.3489, 0.2956, 0.3352.

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

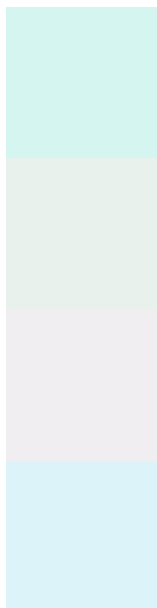




Tritanopia

85.9779, 0.2937, 0.3147

Trichromacy



Original Color

86.3489, 0.2956, 0.3352

Protanomaly

86.3487, 0.3099, 0.3331

Deuteranomaly

86.0252, 0.3122, 0.3260

Tritanomaly

86.2190, 0.2941, 0.3217

Monochromacy



Original Color

86.3489, 0.2956, 0.3352

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.1783, 0.3061, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3489, 0.2956, 0.3352 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(213, 246, 240)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 240)  
}
```

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(213, 246, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 240) }
```

Border

The CSS property to change the border of an element to Yxy 86.3489, 0.2956, 0.3352 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(213, 246, 240) }
```

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

```
.border{ border-color:rgb(213, 246, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 240);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3489, 0.2956, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 240) }
```

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

```
.background{ background-color: rgb(213,  
246, 240) }
```

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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