

Converting Colors

Yxy(82.5111, 0.2994, 0.3360)

Have a look what the booklet for
Yxy(82.5111, 0.2994, 0.3360)
contains.

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Color

Yxy(82.4068, 0.2989, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	D5F0EA
RGB	213, 240, 234
RGB Percent	84%, 94%, 92%
CMY	0.1646, 0.0588, 0.0822
CMYK	0.11, 0.00, 0.02, 0.06
HSL	167°, 47%, 89%
HSV	167°, 11%, 94%
XYZ	73.4608, 82.4068, 89.9028
YIQ	231.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

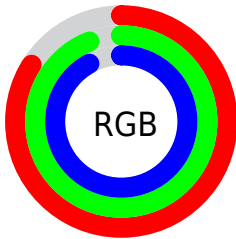
Format	Color
R _Y B	213, 228, 240
Decimal	14020842
CIE Lab	92.75, -9.91, -0.12
CIE LCh	93, 9.913, 180.707
Yxy	82.4068, 0.2989, 0.3353
Android (android.graphics.Color)	4292210922 (0xFFD5F0EA)
YUV	231.2430, 1.3592, -15.9991
Hunter-Lab	90.7782, -14.4136, 4.8265

Details

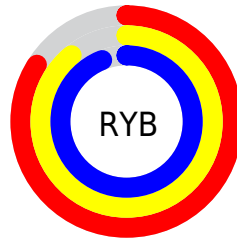
The Yxy color **82.4068, 0.2989, 0.3353** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2388, 0.3286, 0.3228**, and the grayscale version is **80.1053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7644, 0.2959, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **78.7822, 0.2872, 0.3415**, and if you desaturate by 10%, it is **86.5786, 0.3112, 0.3297**.

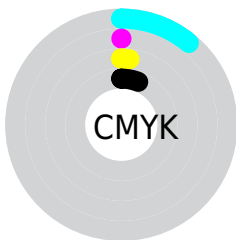
Distribution



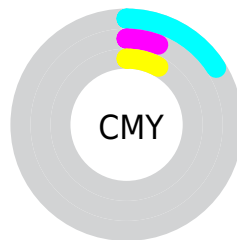
- Red (84%)
- Green (94%)
- Blue (92%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4068, 0.2989, 0.3353 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 82.4068, 0.2989, 0.3353 by changing the saturation by 10% instead.

82.4068, 0.2989,
0.3353

82.4068, 0.2989,
0.3353

503.0074, 0.3052,
0.3325

61.7009, 0.2975,
0.3359

136.7443, 0.3010,
0.3343

44.7911, 0.2958,
0.3367

171.1448, 0.3019,
0.3339

31.2929, 0.2937,
0.3377

210.8788, 0.3026,
0.3336

20.8220, 0.2909,
0.3389

256.3309, 0.3032,
0.3333

12.9939, 0.2872,
0.3406

307.8854, 0.3038,
0.3331

7.4244, 0.2820,
0.3430

365.9267, 0.3043,

3.7289, 0.2741,

0.3328

430.8393, 0.3048,
0.3326

0.3465

■ 1.5231, 0.2609,
0.3525

■ 0.3049, 0.0690,
0.4398

■ 82.4068, 0.2989,
0.3353

■ 82.4068, 0.2989,
0.3353

■ 78.7822, 0.2872,
0.3415

■ 86.5786, 0.3112,
0.3297

■ 75.6709, 0.2764,
0.3483

■ 90.1486, 0.3198,
0.3245

■ 73.0516, 0.2668,
0.3555

■ 90.4765, 0.3165,
0.3194

■ 70.8969, 0.2586,
0.3631

■ 90.7979, 0.3134,
0.3146

■ 69.1771, 0.2521,
0.3711

■ 67.8589, 0.2476,
0.3792

■ 66.9039, 0.2450,
0.3875

■ 66.2665, 0.2444,
0.3956

■ 65.9045, 0.2452,
0.4028

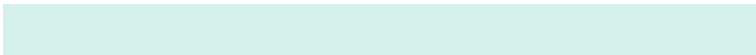
Harmonies

Analogous

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



82.4068, 0.3094, 0.3442



82.4068, 0.2989, 0.3353



82.4068, 0.2922, 0.3248

Triad

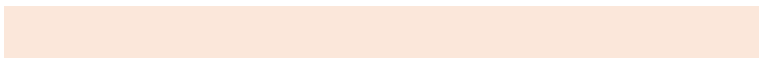
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4068, 0.2989, 0.3353



82.4068, 0.3043, 0.3100



82.4068, 0.3351, 0.3418

Complementary

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



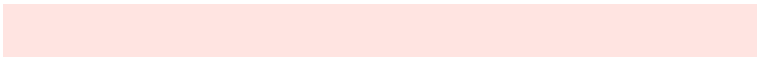
82.4068, 0.2989, 0.3353



71.2388, 0.3286, 0.3228

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.



82.4068, 0.3337, 0.3326



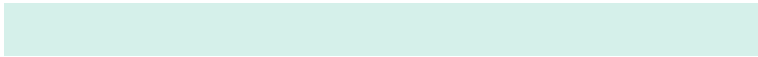
82.4068, 0.2989, 0.3353



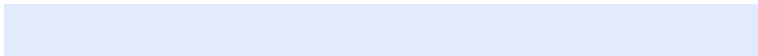
82.4068, 0.3158, 0.3145

Square

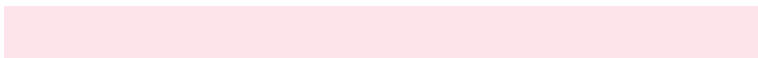
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



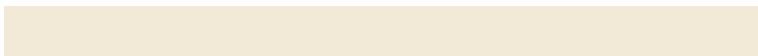
82.4068, 0.2989, 0.3353



82.4068, 0.2952, 0.3104



82.4068, 0.3266, 0.3227



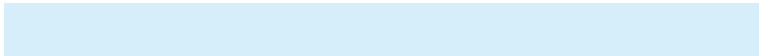
82.4068, 0.3304, 0.3478

Rectangle

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



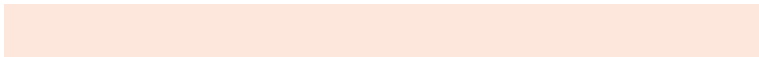
82.4068, 0.2989, 0.3353



82.4068, 0.2906, 0.3184



82.4068, 0.3266, 0.3227



82.4068, 0.3353, 0.3390

Sweetspot

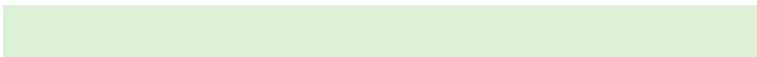
The Sweet Spot groups the original color and five complimentary colors.



82.4103, 0.2989, 0.3353



98.4695, 0.3090, 0.3306



82.2326, 0.3155, 0.3579



20.9911, 0.3080, 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.



82.4103, 0.2989, 0.3353



93.7831, 0.2967, 0.3364



78.6074, 0.2953, 0.3213



17.8657, 0.3010, 0.3343



36.0993, 0.2448, 0.4014



3.0177, 0.2419, 0.3907

Inverse Universe

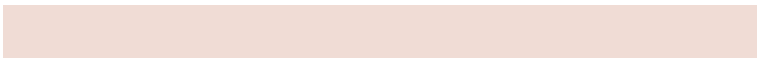
The Inverse Universe completely reimagines the original color for something new.



71.2388, 0.3286, 0.3228



79.0898, 0.3315, 0.3218



74.6301, 0.3319, 0.3366



15.8160, 0.3258, 0.3238



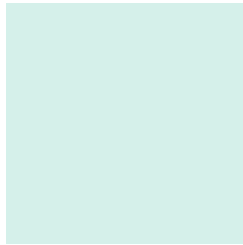
10.2981, 0.6016, 0.3088



0.8712, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 82.4068, 0.2989, 0.3353 looks on a white background.

Color Contrast Check

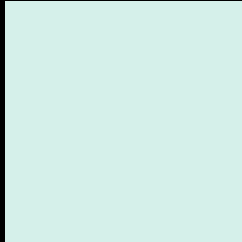
Large Text (above 18pt) WCAG AA × Fail

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 82.4068, 0.2989, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

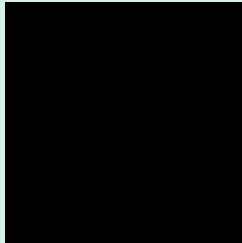
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

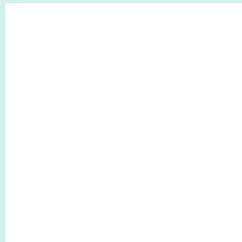
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4068, 0.2989, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 82.4068, 0.2989, 0.3353.

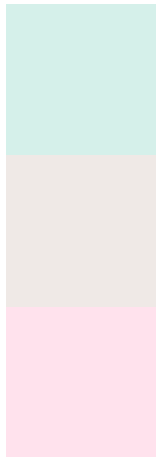


This preview shows how white text looks on a background with the Yxy color 82.4068, 0.2989, 0.3353.

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

82.4068, 0.2989, 0.3353

Protanopia

82.3417, 0.3187, 0.3321

Deuteranopia

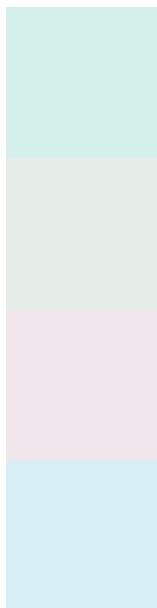
81.7671, 0.3258, 0.3182



Tritanopia

82.5401, 0.2893, 0.3103

Trichromacy



Original Color

82.4068, 0.2989, 0.3353

Protanomaly

82.5834, 0.3118, 0.3342

Deuteranomaly

81.7332, 0.3157, 0.3239

Tritanomaly

82.4634, 0.2933, 0.3195

Monochromacy



Original Color

82.4068, 0.2989, 0.3353

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.5191, 0.3073, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4068, 0.2989, 0.3353 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, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 234)  
}
```

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, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 234) }
```

Border

The CSS property to change the border of an element to Yxy 82.4068, 0.2989, 0.3353 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, 240, 234) }
```

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

```
.border{ border-color:rgb(213, 240, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 240, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 240,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4068, 0.2989, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 234) }
```

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

```
.background{ background-color: rgb(213,  
240, 234) }
```

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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