

Converting Colors

$Yxy(83.6978, 0.2977, 0.3269)$

Have a look what the booklet for
Yxy(83.6978, 0.2977, 0.3269)
contains.

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Color

Yxy(83.6364, 0.2974, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DAF0F2
RGB	218, 240, 242
RGB Percent	85%, 94%, 95%
CMY	0.1453, 0.0588, 0.0511
CMYK	0.10, 0.01, 0.00, 0.05
HSL	185°, 48%, 90%
HSV	185°, 10%, 95%
XYZ	76.0889, 83.6364, 96.1217
YIQ	233.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

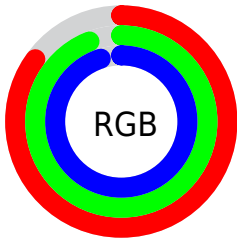
Format	Color
R _Y B	218, 229, 242
Decimal	14348530
CIE Lab	93.29, -6.82, -3.42
CIE LCh	93, 7.636, 206.648
Yxy	83.6364, 0.2974, 0.3269
Android (android.graphics.Color)	4292538610 (0xFFDAF0F2)
YUV	233.6500, 4.1165, -13.7251
Hunter-Lab	91.4529, -11.5305, 1.7002

Details

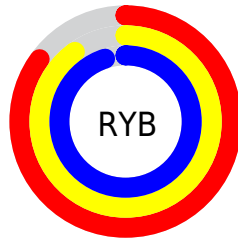
The Yxy color **83.6364, 0.2974, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0804, 0.3300, 0.3311**, and the grayscale version is **81.9739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6127, 0.2940, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **79.0201, 0.2826, 0.3246**, and if you desaturate by 10%, it is **88.8170, 0.3128, 0.3290**.

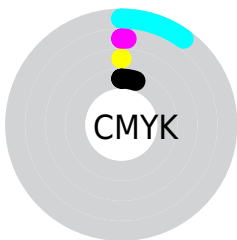
Distribution



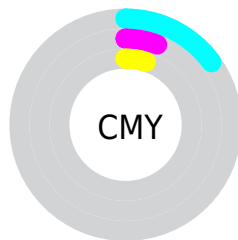
- Red (85%)
- Green (94%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)




- Cyan (15%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.6364, 0.2974, 0.3269 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 83.6364, 0.2974, 0.3269 by changing the saturation by 10% instead.


 83.6364, 0.2974,
0.3269

 83.6364, 0.2974,
0.3269


507.1050, 0.3043,
0.3279

 62.7153, 0.2959,
0.3267


138.4664, 0.2998,
0.3273

 45.6109, 0.2940,
0.3264


173.1442, 0.3007,
0.3274

 31.9389, 0.2917,
0.3260


213.1762, 0.3015,
0.3275

 21.3148, 0.2887,
0.3255

258.9469, 0.3022,
0.3276

 13.3543, 0.2847,
0.3249

310.8408, 0.3028,
0.3277

 7.6730, 0.2791,
0.3239

369.2422, 0.3034,

 3.8864, 0.2708,

0.3278

0.3223

434.5355, 0.3038,
0.3278

■ 1.6102, 0.2570,
0.3195

■ 0.3645, 0.1523,
0.3087

■ 83.6364, 0.2974,
0.3269

■ 83.6364, 0.2974,
0.3269

■ 79.0201, 0.2826,
0.3246

■ 88.8170, 0.3128,
0.3290

■ 74.9341, 0.2688,
0.3221

■ 92.3554, 0.3211,
0.3310


■ 71.3565, 0.2562,
0.3195


■ 93.5520, 0.3210,
0.3329


■ 68.2600, 0.2451,
0.3168

■ 94.7614, 0.3208,
0.3348


 65.6146, 0.2359,
0.3140


 95.9836, 0.3207,
0.3367


 63.3870, 0.2285,
0.3112


 97.2187, 0.3205,
0.3386

 61.5388, 0.2230,
0.3084

 98.4668, 0.3204,
0.3404

 60.0246, 0.2195,
0.3056

 99.1897, 0.3203,
0.3415

 58.7687, 0.2175,
0.3028

Harmonies

Analogous

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



83.6364, 0.3031, 0.3349



83.6364, 0.2974, 0.3269



83.6364, 0.2958, 0.3196

Triad

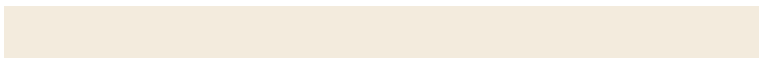
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6364, 0.2974, 0.3269



83.6364, 0.3139, 0.3172



83.6364, 0.3270, 0.3430

Complementary

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



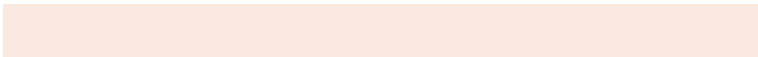
83.6364, 0.2974, 0.3269



75.0804, 0.3300, 0.3311

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.



83.6364, 0.3300, 0.3381



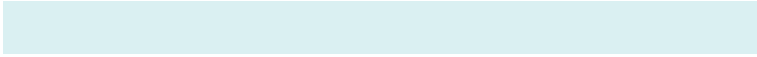
83.6364, 0.2974, 0.3269



83.6364, 0.3224, 0.3232

Square

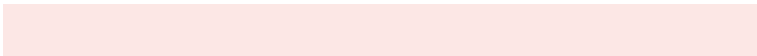
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6364, 0.2974, 0.3269



83.6364, 0.3052, 0.3142



83.6364, 0.3283, 0.3308



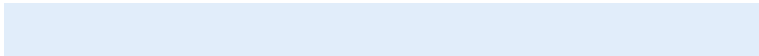
83.6364, 0.3201, 0.3443

Rectangle

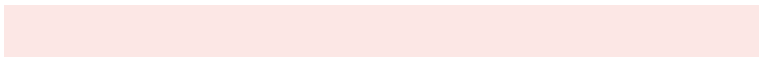
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6364, 0.2974, 0.3269



83.6364, 0.2972, 0.3162



83.6364, 0.3283, 0.3308



83.6364, 0.3285, 0.3417

Sweetspot

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



83.6399, 0.2974, 0.3269



98.1795, 0.3080, 0.3284



83.5368, 0.3106, 0.3529



20.9124, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



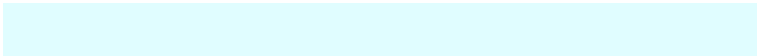
21.4041, 0.3127, 0.3290

Same Dimension

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



83.6399, 0.2974, 0.3269



93.0658, 0.2942, 0.3264



76.9995, 0.2973, 0.3146



17.6949, 0.2981, 0.3270



31.6686, 0.2176, 0.3032



2.6994, 0.2186, 0.3069

Inverse Universe

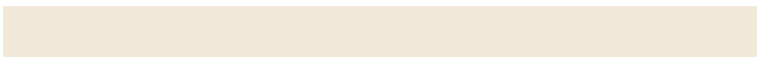
The Inverse Universe completely reimagines the original color for something new.



75.2887, 0.3152, 0.3066



81.8465, 0.3157, 0.3017



81.4067, 0.3287, 0.3430



16.0078, 0.3150, 0.3076



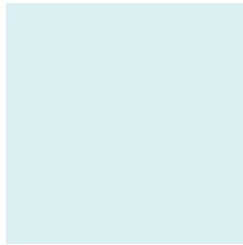
12.9903, 0.3426, 0.1661



1.0872, 0.3394, 0.1643

Previews

White Background



This preview shows how the Yxy color 83.6364, 0.2974, 0.3269 looks on a white background.

Color Contrast Check

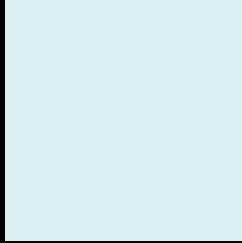
Large Text (above 18pt) WCAG AA × Fail

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 83.6364, 0.2974, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

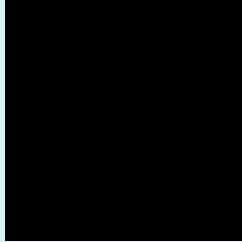
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

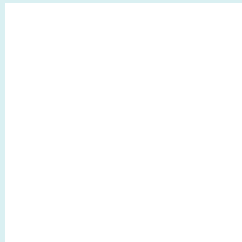
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.6364, 0.2974, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 83.6364, 0.2974, 0.3269.

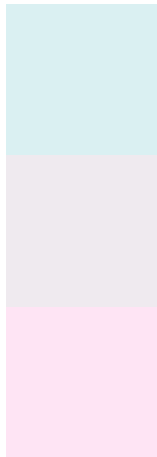


This preview shows how white text looks on a background with the Yxy color 83.6364, 0.2974, 0.3269.

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

83.6364, 0.2974, 0.3269

Protanopia

83.4284, 0.3130, 0.3239

Deuteranopia

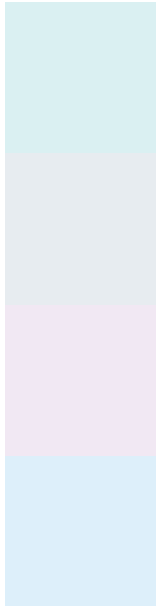
83.0893, 0.3203, 0.3133



Tritanopia

83.8987, 0.2924, 0.3115

Trichromacy



Original Color

83.6364, 0.2974, 0.3269

Protanomaly

83.2711, 0.3070, 0.3249

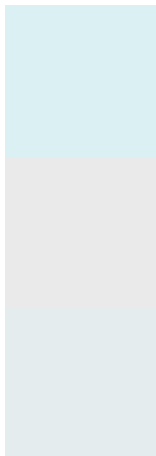
Deuteranomaly

82.8851, 0.3119, 0.3179

Tritanomaly

84.0073, 0.2947, 0.3176

Monochromacy



Original Color

83.6364, 0.2974, 0.3269

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.5993, 0.3068, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.6364, 0.2974, 0.3269 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(218, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 242)  
}
```

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(218, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 242) }
```

Border

The CSS property to change the border of an element to Yxy 83.6364, 0.2974, 0.3269 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(218, 240, 242) }
```

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

```
.border{ border-color:rgb(218, 240, 242) }
```

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

Here you see how a box with a 4 pixel rgb(218, 240, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 83.6364, 0.2974, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 242) }
```

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

```
.background{ background-color: rgb(218,  
240, 242) }
```

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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