

Converting Colors

$Yxy(81.6127, 0.2994, 0.3405)$

Have a look what the booklet for
Yxy(81.6127, 0.2994, 0.3405)
contains.

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Color

Yxy(81.5326, 0.2993, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	D1F0E5
RGB	209, 240, 229
RGB Percent	82%, 94%, 90%
CMY	0.1803, 0.0588, 0.1019
CMYK	0.13, 0.00, 0.05, 0.06
HSL	159°, 51%, 88%
HSV	159°, 13%, 94%
XYZ	71.6042, 81.5326, 86.1021
YIQ	229.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

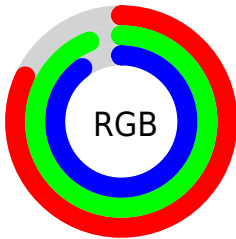
Format	Color
R _Y B	209, 228, 240
Decimal	13758693
CIE Lab	92.37, -12.15, 1.89
CIE LCh	92, 12.294, 171.136
Yxy	81.5326, 0.2993, 0.3408
Android (android.graphics.Color)	4291948773 (0xFFD1F0E5)
YUV	229.4770, -0.2352, -17.9583
Hunter-Lab	90.2954, -16.4666, 6.6702

Details

The Yxy color **81.5326, 0.2993, 0.3408** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3068, 0.3283, 0.3175**, and the grayscale version is **78.7400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2070, 0.2957, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **77.8306, 0.2894, 0.3511**, and if you desaturate by 10%, it is **85.7921, 0.3097, 0.3315**.

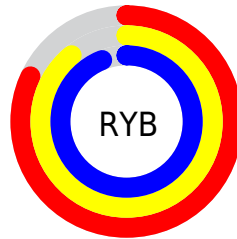
Distribution



Red (82%)

Green (94%)

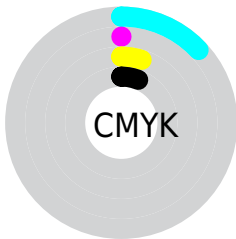
Blue (90%)



Red (82%)

Yellow (89%)

Blue (94%)

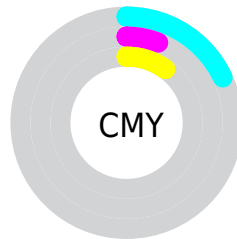


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (18%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.5326, 0.2993, 0.3408 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 81.5326, 0.2993, 0.3408 by changing the saturation by 10% instead.

81.5326, 0.2993,
0.3408

81.5326, 0.2993,
0.3408

500.0829, 0.3054,
0.3354

60.9803, 0.2979,
0.3420

135.5184, 0.3014,
0.3389

44.2093, 0.2962,
0.3435

169.7206, 0.3022,
0.3382

30.8351, 0.2941,
0.3454

209.2417, 0.3029,
0.3376

20.4733, 0.2914,
0.3478

254.4660, 0.3036,
0.3370

12.7396, 0.2877,
0.3511

305.7779, 0.3041,
0.3366

7.2495, 0.2825,
0.3559

363.5617, 0.3046,

3.6186, 0.2745,

0.3361

0.3631

428.2019, 0.3050,
0.3358

■ 1.4626, 0.2609,
0.3757

■ 0.2622, 0.0000,
0.6315

■ 81.5326, 0.2993,
0.3408

■ 81.5326, 0.2993,
0.3408

■ 77.8306, 0.2894,
0.3511

■ 85.7921, 0.3097,
0.3315

■ 74.6519, 0.2803,
0.3623

■ 90.2348, 0.3189,
0.3232

■ 71.9744, 0.2722,
0.3744

■ 90.7696, 0.3137,
0.3150

■ 69.7703, 0.2654,
0.3873

■ 90.7988, 0.3134,
0.3146

■ 68.0089, 0.2604,
0.4007

■ 66.6560, 0.2573,
0.4145

■ 65.6720, 0.2562,
0.4284

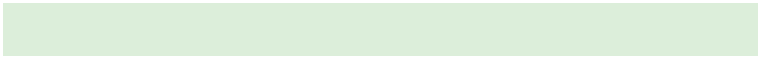
■ 65.0090, 0.2571,
0.4420

■ 64.6818, 0.2588,
0.4516

Harmonies

Analogous

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



81.5326, 0.3131, 0.3505



81.5326, 0.2993, 0.3408



81.5326, 0.2892, 0.3278

Triad

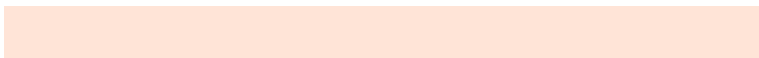
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5326, 0.2993, 0.3408



81.5326, 0.2981, 0.3049



81.5326, 0.3409, 0.3415

Complementary

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



81.5326, 0.2993, 0.3408



69.3068, 0.3283, 0.3175

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.



81.5326, 0.3368, 0.3295



81.5326, 0.2993, 0.3408



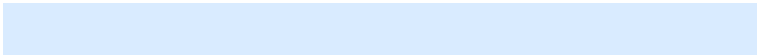
81.5326, 0.3118, 0.3087

Square

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



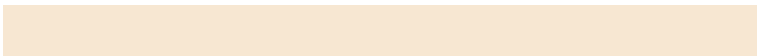
81.5326, 0.2993, 0.3408



81.5326, 0.2885, 0.3073



81.5326, 0.3260, 0.3176



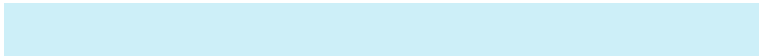
81.5326, 0.3373, 0.3506

Rectangle

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



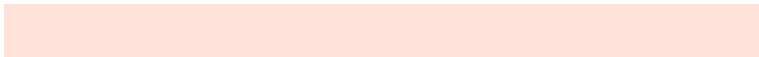
81.5326, 0.2993, 0.3408



81.5326, 0.2858, 0.3193



81.5326, 0.3260, 0.3176



81.5326, 0.3404, 0.3377

Sweetspot

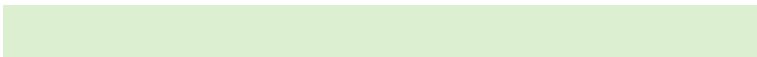
The Sweet Spot groups the original color and five complimentary colors.



81.5360, 0.2993, 0.3408



97.8857, 0.3085, 0.3325



82.1990, 0.3187, 0.3623



20.8690, 0.3077, 0.3332



0.0000, 0.0000, 0.0000



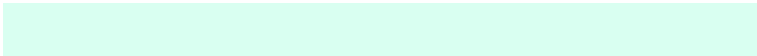
21.4041, 0.3127, 0.3290

Same Dimension

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



81.5360, 0.2993, 0.3408



92.6104, 0.2971, 0.3429



79.7654, 0.2929, 0.3245



17.8282, 0.3028, 0.3375



35.4348, 0.2582, 0.4494



2.9667, 0.2532, 0.4316

Inverse Universe

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



69.3068, 0.3283, 0.3175



76.4877, 0.3313, 0.3155



70.7968, 0.3357, 0.3334



15.8514, 0.3237, 0.3207



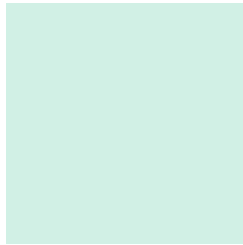
10.5239, 0.5558, 0.2836



0.8938, 0.5194, 0.2635

Previews

White Background



This preview shows how the Yxy color 81.5326, 0.2993, 0.3408 looks on a white background.

Color Contrast Check

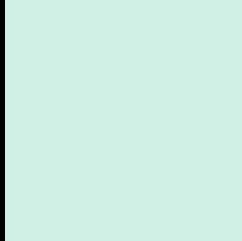
Large Text (above 18pt) WCAG AA × Fail

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 81.5326, 0.2993, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

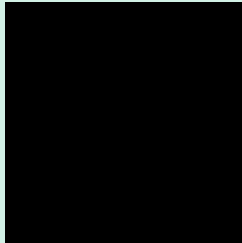
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

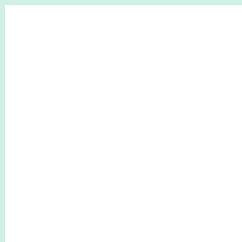
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5326, 0.2993, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 81.5326, 0.2993, 0.3408.

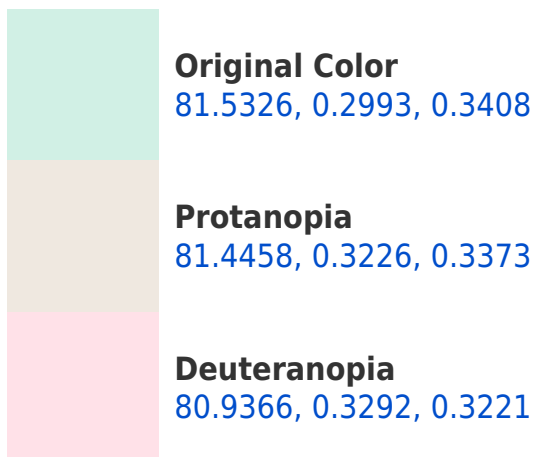


This preview shows how white text looks on a background with the Yxy color 81.5326, 0.2993, 0.3408.

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

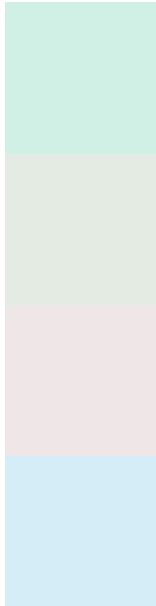




Tritanopia

81.5070, 0.2874, 0.3092

Trichromacy



Original Color

81.5326, 0.2993, 0.3408

Protanomaly

81.4016, 0.3136, 0.3384

Deuteranomaly

80.5403, 0.3176, 0.3280

Tritanomaly

81.2192, 0.2913, 0.3194

Monochromacy



Original Color

81.5326, 0.2993, 0.3408

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.4646, 0.3078, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5326, 0.2993, 0.3408 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(209, 240, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 240, 229)  
}
```

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(209, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 240, 229) }
```

Border

The CSS property to change the border of an element to Yxy 81.5326, 0.2993, 0.3408 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(209, 240, 229) }
```

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

```
.border{ border-color:rgb(209, 240, 229) }
```

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

Here you see how a box with a 4 pixel rgb(209, 240, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(209, 240,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5326, 0.2993, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 240, 229) }
```

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

```
.background{ background-color: rgb(209,  
240, 229) }
```

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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