

Converting Colors

$Yxy(76.3333, 0.2994, 0.3312)$

Have a look what the booklet for
Yxy(76.3333, 0.2994, 0.3312)
contains.

Yxy(76.3643, 0.2993, 0.3311)	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(76.3643, 0.2993, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	D1E7E5
RGB	209, 231, 229
RGB Percent	82%, 91%, 90%
CMY	0.1801, 0.0942, 0.1019
CMYK	0.09, 0.00, 0.01, 0.09
HSL	175°, 31%, 86%
HSV	175°, 9%, 91%
XYZ	69.0300, 76.3643, 85.2439
YIQ	224.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

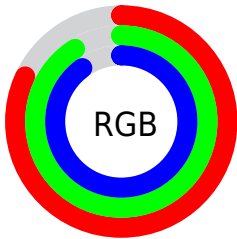
Format	Color
R _Y B	209, 221, 231
Decimal	13756389
CIE Lab	90.03, -7.58, -1.52
CIE LCh	90, 7.732, 191.364
Yxy	76.3643, 0.2993, 0.3311
Android (android.graphics.Color)	4291946469 (0xFFD1E7E5)
YUV	224.1940, 2.3694, -13.3251
Hunter-Lab	87.3867, -11.9228, 3.3345

Details

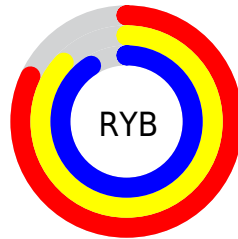
The Yxy color **76.3643, 0.2993, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3275, 0.3279, 0.3269**, and the grayscale version is **74.6870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5860, 0.2955, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **73.1225, 0.2859, 0.3335**, and if you desaturate by 10%, it is **80.1025, 0.3135, 0.3289**.

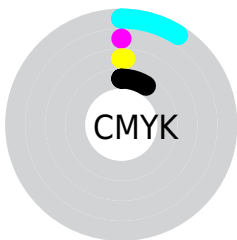
Distribution



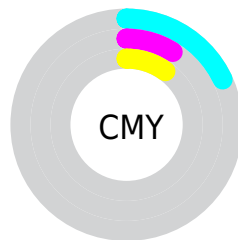
- Red (82%)
- Green (91%)
- Blue (90%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3643, 0.2993, 0.3311 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 76.3643, 0.2993, 0.3311 by changing the saturation by 10% instead.

■ 76.3643, 0.2993,
0.3311

■ 76.3643, 0.2993,
0.3311

482.5939, 0.3054,
0.3302

■ 56.7313, 0.2979,
0.3313

128.2417, 0.3014,
0.3308

■ 40.7895, 0.2962,
0.3316

161.2549, 0.3022,
0.3307

■ 28.1547, 0.2940,
0.3319

199.4970, 0.3030,
0.3306

■ 18.4423, 0.2912,
0.3323

243.3523, 0.3036,
0.3305

■ 11.2680, 0.2874,
0.3328

293.2052, 0.3041,
0.3304

■ 6.2474, 0.2820,
0.3335

349.4402, 0.3046,

■ 2.9961, 0.2737,

0.3303

412.4416, 0.3051,
0.3302

0.3346

1.1297, 0.2591,
0.3362

0.0031, 0.0000,
0.0276

76.3643, 0.2993,
0.3311

76.3643, 0.2993,
0.3311

73.1225, 0.2859,
0.3335

80.1025, 0.3135,
0.3289

70.3464, 0.2734,
0.3361


84.2960, 0.3279,
0.3269

68.0168, 0.2623,
0.3389


84.4152, 0.3265,
0.3249


66.1095, 0.2527,
0.3418

84.5357, 0.3251,
0.3228


 64.5978, 0.2450,
0.3449


 84.6577, 0.3238,
0.3208


 63.4521, 0.2391,
0.3479


 84.7811, 0.3224,
0.3188


 62.6387, 0.2352,
0.3510

 84.9059, 0.3211,
0.3168

 62.1174, 0.2331,
0.3541

 85.0321, 0.3198,
0.3148

 61.8232, 0.2326,
0.3571

 85.1597, 0.3185,
0.3128

Harmonies

Analogous

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



76.3643, 0.3069, 0.3389



76.3643, 0.2993, 0.3311



76.3643, 0.2953, 0.3228

Triad

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



76.3643, 0.2993, 0.3311



76.3643, 0.3092, 0.3146



76.3643, 0.3298, 0.3414

Complementary

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



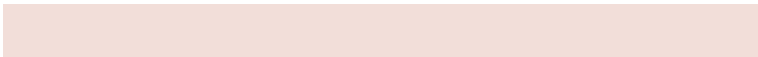
76.3643, 0.2993, 0.3311



67.3275, 0.3279, 0.3269

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.



76.3643, 0.3305, 0.3348



76.3643, 0.2993, 0.3311



76.3643, 0.3185, 0.3194

Square

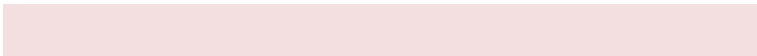
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



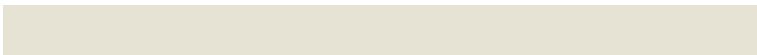
76.3643, 0.2993, 0.3311



76.3643, 0.3009, 0.3135



76.3643, 0.3263, 0.3268



76.3643, 0.3245, 0.3448

Rectangle

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



76.3643, 0.2993, 0.3311



76.3643, 0.2952, 0.3183



76.3643, 0.3263, 0.3268



76.3643, 0.3306, 0.3395

Sweetspot

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



76.3675, 0.2993, 0.3311



98.5337, 0.3084, 0.3296



75.6382, 0.3131, 0.3533



21.0085, 0.3072, 0.3298



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.



76.3675, 0.2993, 0.3311



94.9018, 0.2971, 0.3315



71.6938, 0.2981, 0.3193



16.3129, 0.2993, 0.3311



34.6664, 0.2324, 0.3568



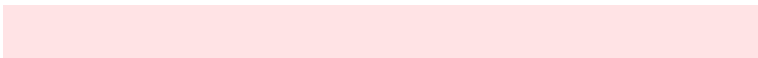
2.5683, 0.2312, 0.3523

Inverse Universe

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



67.3275, 0.3279, 0.3269



81.8540, 0.3307, 0.3266



71.6518, 0.3283, 0.3385



14.3889, 0.3278, 0.3269



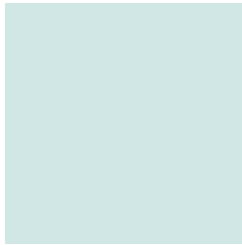
9.5617, 0.6297, 0.3243



0.7138, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 76.3643, 0.2993, 0.3311 looks on a white background.

Color Contrast Check

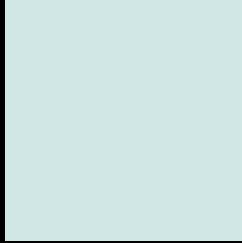
Large Text (above 18pt) WCAG AA × Fail

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 76.3643, 0.2993, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

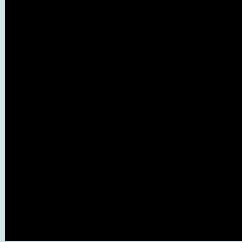
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

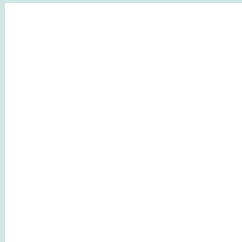
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3643, 0.2993, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 76.3643, 0.2993, 0.3311.

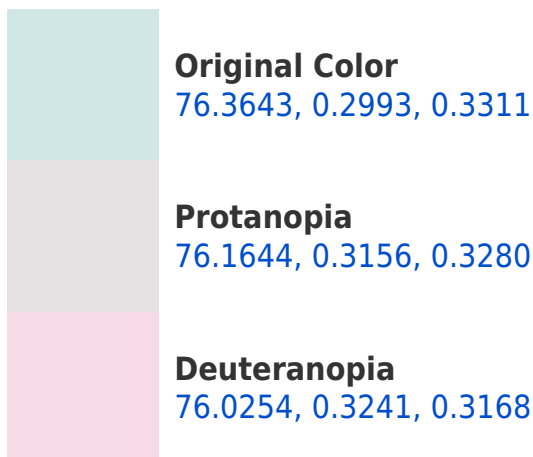


This preview shows how white text looks on a background with the Yxy color 76.3643, 0.2993, 0.3311.

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

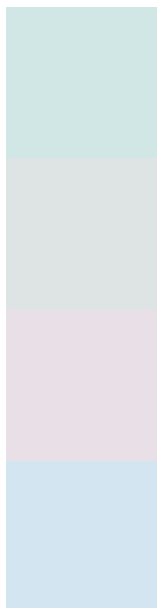




Tritanopia

76.1377, 0.2910, 0.3098

Trichromacy



Original Color

76.3643, 0.2993, 0.3311

Protanomaly

76.0138, 0.3093, 0.3290

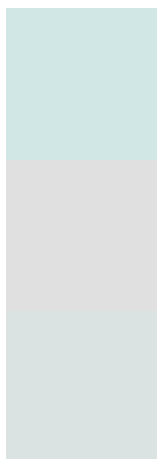
Deuteranomaly

75.8122, 0.3152, 0.3217

Tritanomaly

76.1788, 0.2940, 0.3171

Monochromacy



Original Color

76.3643, 0.2993, 0.3311

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.4892, 0.3079, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3643, 0.2993, 0.3311 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, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 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, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.3643, 0.2993, 0.3311 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, 231, 229) }
```

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

```
.border{ border-color:rgb(209, 231, 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, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(209, 231,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3643, 0.2993, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 229) }
```

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

```
.background{ background-color: rgb(209,  
231, 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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