

Converting Colors

$Yxy(77.3300, 0.3001, 0.3311)$

Have a look what the booklet for
Yxy(77.3300, 0.3001, 0.3311)
contains.

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Color

Yxy(77.2753, 0.3000, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	D3E8E6
RGB	211, 232, 230
RGB Percent	83%, 91%, 90%
CMY	0.1723, 0.0902, 0.0980
CMYK	0.09, 0.00, 0.01, 0.09
HSL	174°, 31%, 87%
HSV	174°, 9%, 91%
XYZ	70.0169, 77.2753, 86.0974
YIQ	225.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

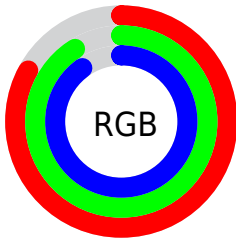
Format	Color
R _Y B	211, 222, 232
Decimal	13887718
CIE Lab	90.45, -7.26, -1.41
CIE LCh	90, 7.395, 191.012
Yxy	77.2753, 0.3000, 0.3311
Android (android.graphics.Color)	4292077798 (0xFFD3E8E6)
YUV	225.4930, 2.2220, -12.7104
Hunter-Lab	87.9064, -11.6620, 3.4645

Details

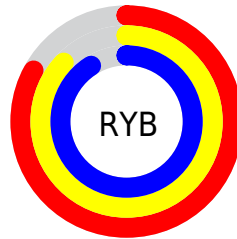
The Yxy color **77.2753, 0.3000, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5772, 0.3270, 0.3269**, and the grayscale version is **75.6672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2137, 0.2964, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **73.9723, 0.2866, 0.3336**, and if you desaturate by 10%, it is **81.0808, 0.3141, 0.3288**.

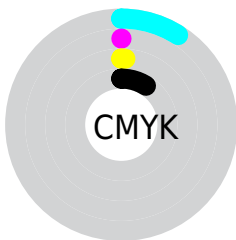
Distribution



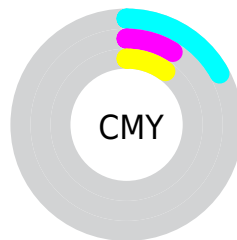
- Red (83%)
- Green (91%)
- Blue (90%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



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



- Cyan (17%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2753, 0.3000, 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 77.2753, 0.3000, 0.3311 by changing the saturation by 10% instead.

■ 77.2753, 0.3000,
0.3311

■ 77.2753, 0.3000,
0.3311

485.7022, 0.3058,
0.3302

■ 57.4789, 0.2987,
0.3313

129.5280, 0.3020,
0.3308

■ 41.3898, 0.2971,
0.3316

162.7531, 0.3028,
0.3307

■ 28.6238, 0.2950,
0.3319

201.2231, 0.3035,
0.3305

■ 18.7964, 0.2924,
0.3323

245.3226, 0.3041,
0.3305

■ 11.5233, 0.2888,
0.3328

295.4358, 0.3046,
0.3304

■ 6.4200, 0.2838,
0.3335

351.9472, 0.3050,

■ 3.1021, 0.2760,

0.3303

415.2412, 0.3054,
0.3302

0.3346

■ 1.1853, 0.2624,
0.3363

■ 0.0496, 0.0000,
0.2451

■ 77.2753, 0.3000,
0.3311

■ 77.2753, 0.3000,
0.3311

■ 73.9723, 0.2866,
0.3336

■ 81.0808, 0.3141,
0.3288

■ 71.1411, 0.2741,
0.3364


■ 84.9302, 0.3270,
0.3267


■ 68.7622, 0.2630,
0.3393


■ 85.0571, 0.3255,
0.3245

■ 66.8113, 0.2534,
0.3424


■ 85.1856, 0.3241,
0.3224

 65.2615, 0.2456,
0.3456

 85.3156, 0.3227,
0.3202


 64.0831, 0.2396,
0.3488


 85.4472, 0.3213,
0.3181


 63.2422, 0.2357,
0.3521

 85.5803, 0.3199,
0.3160

 62.6986, 0.2336,
0.3553

 85.7151, 0.3185,
0.3139

 62.3905, 0.2330,
0.3585

 85.8514, 0.3171,
0.3118

Harmonies

Analogous

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



77.2753, 0.3072, 0.3385



77.2753, 0.3000, 0.3311



77.2753, 0.2962, 0.3232

Triad

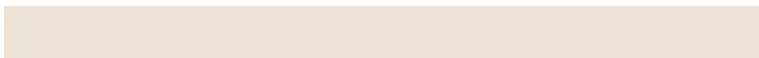
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2753, 0.3000, 0.3311



77.2753, 0.3092, 0.3152



77.2753, 0.3290, 0.3408

Complementary

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



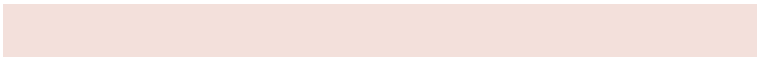
77.2753, 0.3000, 0.3311



68.5772, 0.3270, 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.



77.2753, 0.3296, 0.3344



77.2753, 0.3000, 0.3311



77.2753, 0.3181, 0.3198

Square

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



77.2753, 0.3000, 0.3311



77.2753, 0.3014, 0.3142



77.2753, 0.3256, 0.3268



77.2753, 0.3240, 0.3441

Rectangle

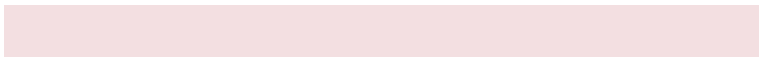
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



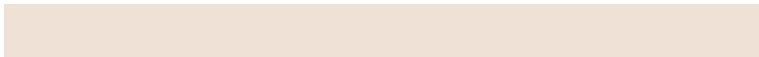
77.2753, 0.3000, 0.3311



77.2753, 0.2960, 0.3188



77.2753, 0.3256, 0.3268



77.2753, 0.3297, 0.3389

Sweetspot

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



77.2786, 0.3000, 0.3311



98.5314, 0.3084, 0.3297



76.5819, 0.3131, 0.3520



21.0079, 0.3073, 0.3299



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.



77.2786, 0.3000, 0.3311



94.8935, 0.2972, 0.3316



72.7886, 0.2988, 0.3198



16.3117, 0.2994, 0.3312



34.6366, 0.2329, 0.3583



2.5664, 0.2316, 0.3536

Inverse Universe

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



68.5772, 0.3270, 0.3269



81.8614, 0.3307, 0.3264



72.7480, 0.3275, 0.3380



14.3900, 0.3278, 0.3268



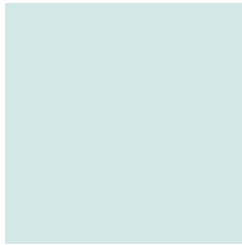
9.5642, 0.6290, 0.3239



0.7144, 0.6028, 0.3094

Previews

White Background



This preview shows how the Yxy color 77.2753, 0.3000, 0.3311 looks on a white background.

Color Contrast Check

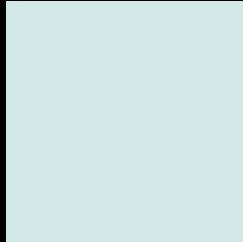
Large Text (above 18pt) WCAG AA × Fail

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 77.2753, 0.3000, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

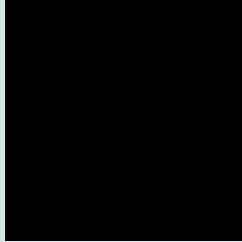
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

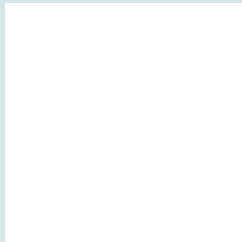
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2753, 0.3000, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 77.2753, 0.3000, 0.3311.

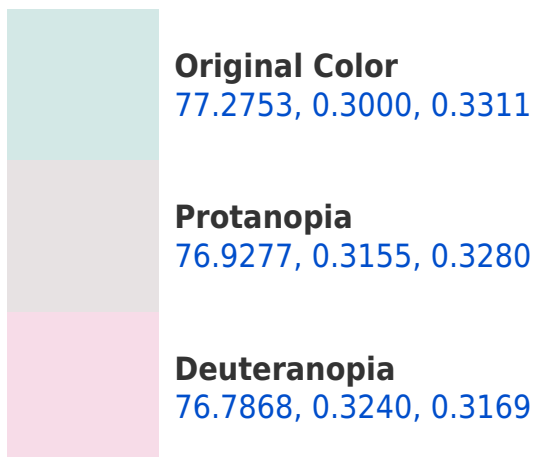


This preview shows how white text looks on a background with the Yxy color 77.2753, 0.3000, 0.3311.

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

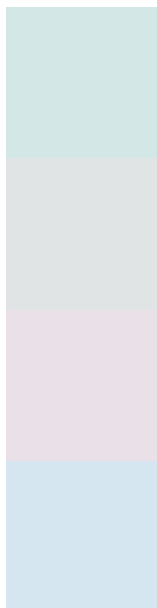




Tritanopia

77.1121, 0.2912, 0.3089

Trichromacy



Original Color

77.2753, 0.3000, 0.3311

Protanomaly

76.9355, 0.3100, 0.3290

Deuteranomaly

76.5733, 0.3152, 0.3217

Tritanomaly

77.0906, 0.2947, 0.3172

Monochromacy



Original Color

77.2753, 0.3000, 0.3311

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.4050, 0.3086, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2753, 0.3000, 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(211, 232, 230)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 230)  
}
```

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(211, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 230) }
```

Border

The CSS property to change the border of an element to Yxy 77.2753, 0.3000, 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(211, 232, 230) }
```

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

```
.border{ border-color:rgb(211, 232, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2753, 0.3000, 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(211, 232, 230) }
```

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

```
.background{ background-color: rgb(211,  
232, 230) }
```

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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