

Converting Colors

$Yxy(77.3667, 0.3009, 0.3488)$

Have a look what the booklet for
Yxy(77.3667, 0.3009, 0.3488)
contains.

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Color

Yxy(77.4704, 0.3007, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	C9ECDA
RGB	201, 236, 218
RGB Percent	79%, 93%, 85%
CMY	0.2115, 0.0745, 0.1451
CMYK	0.15, 0.00, 0.08, 0.07
HSL	149°, 48%, 86%
HSV	149°, 15%, 93%
XYZ	66.7489, 77.4704, 77.7590
YIQ	223.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

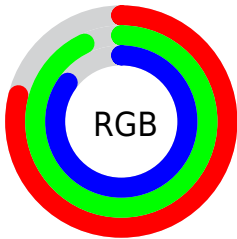
Format	Color
R_{YB}	201, 225, 236
Decimal	13233370
CIE _{Lab}	90.54, -14.78, 4.92
CIE _{LCh}	91, 15.578, 161.605
Yxy	77.4704, 0.3007, 0.3490
Android (android.graphics.Color)	4291423450 (0xFFC9ECDA)
YUV	223.4830, -2.7031, -19.7176
Hunter-Lab	88.0173, -18.6628, 9.2323

Details

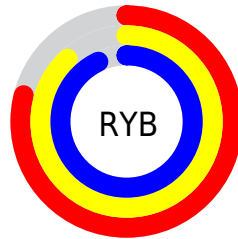
The Yxy color **77.4704, 0.3007, 0.3490** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.7512, 0.3267, 0.3098**, and the grayscale version is **74.1897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4899, 0.2982, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **73.8356, 0.2929, 0.3644**, and if you desaturate by 10%, it is **81.6609, 0.3088, 0.3351**.

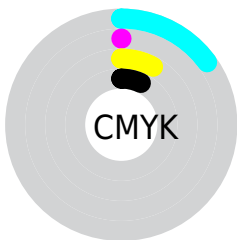
Distribution



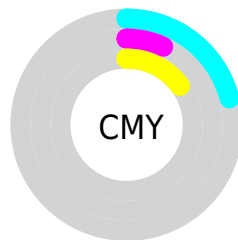
- Red (79%)
- Green (93%)
- Blue (85%)



- Red (79%)
- Yellow (88%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.4704, 0.3007, 0.3490 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 77.4704, 0.3007, 0.3490 by changing the saturation by 10% instead.

■ 77.4704, 0.3007,
0.3490

■ 77.4704, 0.3007,
0.3490

486.3664, 0.3063,
0.3397

■ 57.6390, 0.2994,
0.3511

129.8033, 0.3026,
0.3458

■ 41.5185, 0.2978,
0.3538

163.0736, 0.3034,
0.3445

■ 28.7245, 0.2958,
0.3571

201.5923, 0.3040,
0.3434

■ 18.8725, 0.2932,
0.3616

245.7439, 0.3046,
0.3425

■ 11.5782, 0.2896,
0.3676

295.9127, 0.3051,
0.3417

■ 6.4571, 0.2844,
0.3765


352.4831, 0.3055,


■ 3.1250, 0.2762,


0.3409


415.8395, 0.3059,
0.3403


0.3906


 1.1973, 0.2604,
0.4169


 0.0595, 0.0000,
1.0000

 77.4704, 0.3007,
0.3490


 77.4704, 0.3007,
0.3490

 73.8356, 0.2929,
0.3644


 81.6609, 0.3088,
0.3351

 70.7230, 0.2858,
0.3814

 86.4197, 0.3170,
0.3228

 68.1100, 0.2796,
0.3998

 88.4321, 0.3139,
0.3112

 65.9689, 0.2746,
0.4193

 88.4660, 0.3136,
0.3107

■ 64.2689, 0.2713,
0.4395

■ 62.9755, 0.2698,
0.4599

■ 62.0486, 0.2703,
0.4800

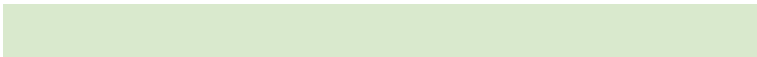
■ 61.4395, 0.2728,
0.4991

■ 61.2098, 0.2746,
0.5085

Harmonies

Analogous

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



77.4704, 0.3191, 0.3594



77.4704, 0.3007, 0.3490



77.4704, 0.2859, 0.3329

Triad

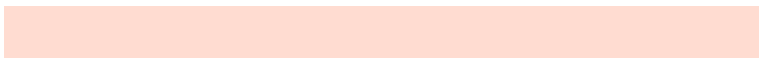
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4704, 0.3007, 0.3490



77.4704, 0.2893, 0.2982



77.4704, 0.3486, 0.3402

Complementary

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



77.4704, 0.3007, 0.3490



64.7512, 0.3267, 0.3098

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.



77.4704, 0.3401, 0.3244



77.4704, 0.3007, 0.3490



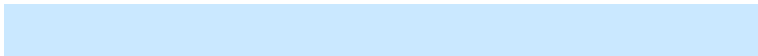
77.4704, 0.3056, 0.3007

Square

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



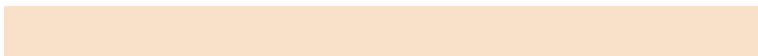
77.4704, 0.3007, 0.3490



77.4704, 0.2794, 0.3036



77.4704, 0.3242, 0.3102



77.4704, 0.3470, 0.3536

Rectangle

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



77.4704, 0.3007, 0.3490



77.4704, 0.2798, 0.3214



77.4704, 0.3242, 0.3102



77.4704, 0.3468, 0.3350

Sweetspot

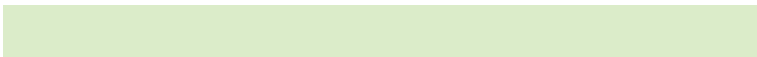
The Sweet Spot groups the original color and five complimentary colors.



77.4737, 0.3007, 0.3490



97.7826, 0.3094, 0.3341



79.2829, 0.3231, 0.3671



20.8429, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



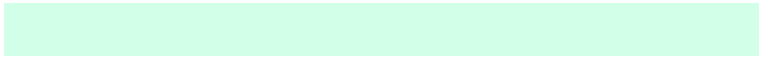
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4737, 0.3007, 0.3490



90.8792, 0.2981, 0.3539



78.4339, 0.2906, 0.3296



16.9838, 0.3050, 0.3414



33.7687, 0.2738, 0.5056



2.6710, 0.2666, 0.4798

Inverse Universe

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



64.7512, 0.3267, 0.3098



72.7790, 0.3304, 0.3054



63.8810, 0.3399, 0.3285



15.1837, 0.3212, 0.3169



10.6253, 0.4892, 0.2468



0.8538, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 77.4704, 0.3007, 0.3490 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 77.4704, 0.3007, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

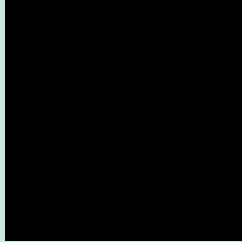
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

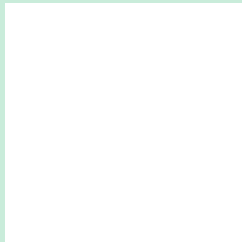
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4704, 0.3007, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 77.4704, 0.3007, 0.3490.

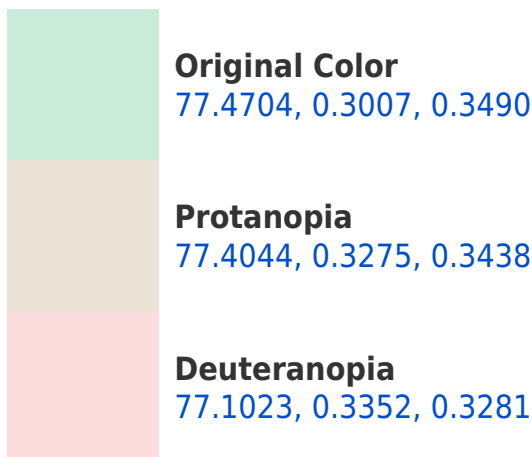


This preview shows how white text looks on a background with the Yxy color 77.4704, 0.3007, 0.3490.

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

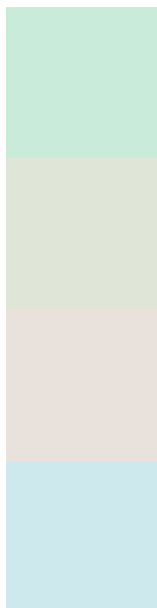




Tritanopia

77.3194, 0.2857, 0.3087

Trichromacy



Original Color

77.4704, 0.3007, 0.3490

Protanomaly

77.1879, 0.3175, 0.3452

Deuteranomaly

76.8837, 0.3215, 0.3353

Tritanomaly

77.4300, 0.2914, 0.3235

Monochromacy



Original Color

77.4704, 0.3007, 0.3490

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.1543, 0.3082, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4704, 0.3007, 0.3490 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(201, 236, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 218)  
}
```

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(201, 236, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 218) }
```

Border

The CSS property to change the border of an element to Yxy 77.4704, 0.3007, 0.3490 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(201, 236, 218) }
```

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

```
.border{ border-color:rgb(201, 236, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4704, 0.3007, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 236, 218) }
```

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

```
.background{ background-color: rgb(201,  
236, 218) }
```

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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