

Converting Colors

$Yxy(79.2368, 0.2746, 0.3380)$

Have a look what the booklet for
Yxy(79.2368, 0.2746, 0.3380)
contains.

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Color

Yxy(78.9836, 0.2750, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	ADF3EB
RGB	173, 243, 235
RGB Percent	68%, 95%, 92%
CMY	0.3216, 0.0470, 0.0783
CMYK	0.29, 0.00, 0.03, 0.05
HSL	173°, 74%, 82%
HSV	173°, 29%, 95%
XYZ	64.2808, 78.9836, 90.4840
YIQ	221.1580, -39.1520, -17.3280

Conversions

Conversions Part 2

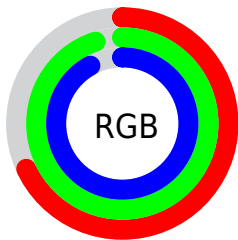
Format	Color
RYB	173, 210, 243
Decimal	11400171
CIELab	91.23, -23.30, -3.16
CIELCh	91, 23.513, 187.721
Yxy	78.9836, 0.2750, 0.3379
Android (android.graphics.Color)	4289590251 (0xFFADF3EB)
YUV	221.1580, 6.8241, -42.2346
Hunter-Lab	88.8727, -26.4198, 1.8459

Details

The Yxy color **78.9836, 0.2750, 0.3379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.2703, 0.3693, 0.3205**, and the grayscale version is **72.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **42.6469, 0.2667, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **76.3057, 0.2640, 0.3415**, and if you desaturate by 10%, it is **82.1742, 0.2873, 0.3346**.

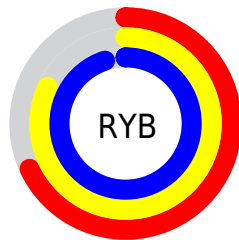
Distribution



Red (68%)

Green (95%)

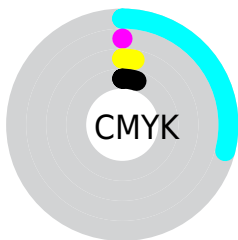
Blue (92%)



Red (68%)

Yellow (82%)

Blue (95%)

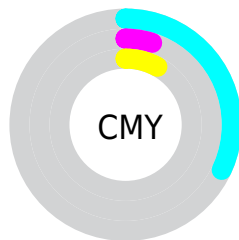


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (32%)


Magenta (5%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9836, 0.2750, 0.3379 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 78.9836, 0.2750, 0.3379 by changing the saturation by 10% instead.


 78.9836, 0.2750,
0.3379

 78.9836, 0.2750,
0.3379


491.5009, 0.2921,
0.3340

 58.8823, 0.2712,
0.3387


 131.9358, 0.2809,
0.3366

 42.5184, 0.2665,
0.3397


165.5555, 0.2831,
0.3361

 29.5074, 0.2607,
0.3410


204.4501, 0.2851,
0.3356

 19.4650, 0.2532,
0.3425

249.0040, 0.2869,
0.3352

 12.0068, 0.2432,
0.3445

299.6017, 0.2884,
0.3349

 6.7483, 0.2291,
0.3472


356.6274, 0.2898,


 3.3052, 0.2082,

0.3346

420.4657, 0.2910,
0.3343

0.3507


 1.2931, 0.1693,
0.3575


 0.1358, 0.0000,
0.2692


 78.9836, 0.2750,
0.3379


 78.9836, 0.2750,
0.3379


 76.3057, 0.2640,
0.3415


 82.1742, 0.2873,
0.3346


 74.1034, 0.2545,
0.3452

 85.8931, 0.3005,
0.3315


 72.3502, 0.2468,
0.3491

 90.1671, 0.3144,
0.3287

 71.0125, 0.2410,
0.3530

 92.0237, 0.3187,
0.3260


 70.0526, 0.2371,
0.3570


 92.1948, 0.3170,
0.3234

 69.4254, 0.2352,
0.3610

 92.3684, 0.3153,
0.3207

 69.0646, 0.2348,
0.3649

 92.5446, 0.3136,
0.3181

 69.0291, 0.2348,
0.3654

 92.5840, 0.3133,
0.3175

Harmonies

Analogous

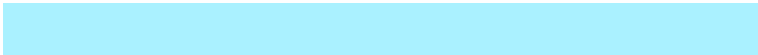
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9836, 0.2979, 0.3622



78.9836, 0.2750, 0.3379



78.9836, 0.2623, 0.3122

Triad

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



78.9836, 0.2750, 0.3379



78.9836, 0.2983, 0.2862



78.9836, 0.3654, 0.3631

Complementary

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



78.9836, 0.2750, 0.3379



52.2703, 0.3693, 0.3205

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.



78.9836, 0.3659, 0.3420



78.9836, 0.2750, 0.3379



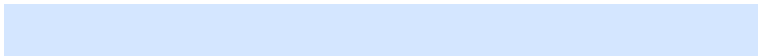
78.9836, 0.3262, 0.2989

Square

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



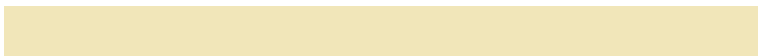
78.9836, 0.2750, 0.3379



78.9836, 0.2752, 0.2837



78.9836, 0.3513, 0.3189



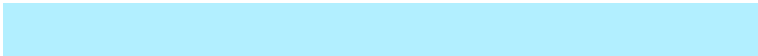
78.9836, 0.3503, 0.3762

Rectangle

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



78.9836, 0.2750, 0.3379



78.9836, 0.2609, 0.2981



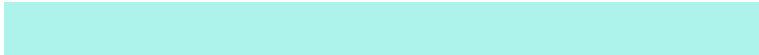
78.9836, 0.3513, 0.3189



78.9836, 0.3673, 0.3566

Sweetspot

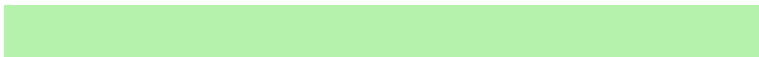
The Sweet Spot groups the original color and five complimentary colors.



78.9868, 0.2750, 0.3379



95.7372, 0.3002, 0.3316



76.9626, 0.3139, 0.4117



20.3544, 0.2982, 0.3320



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

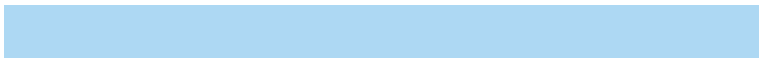
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9868, 0.2750, 0.3379



86.1833, 0.2679, 0.3401



64.5490, 0.2676, 0.2978



18.7234, 0.2996, 0.3317



37.8968, 0.2347, 0.3648



3.3398, 0.2333, 0.3598

Inverse Universe

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



52.2703, 0.3693, 0.3205



51.5723, 0.3870, 0.3185



63.2994, 0.3685, 0.3582



16.5132, 0.3276, 0.3263



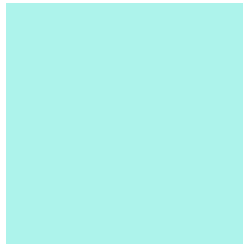
10.5127, 0.6264, 0.3224



0.9338, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 78.9836, 0.2750, 0.3379 looks on a white background.

Color Contrast Check

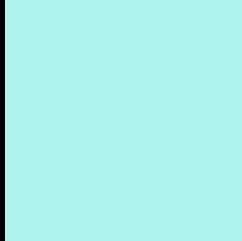
Large Text (above 18pt) WCAG AA × Fail

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 78.9836, 0.2750, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

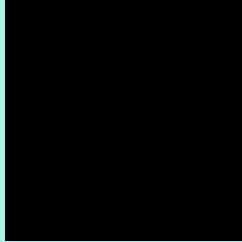
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

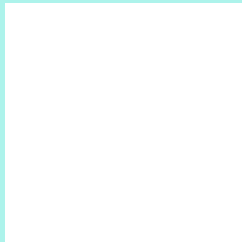
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9836, 0.2750, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 78.9836, 0.2750, 0.3379.

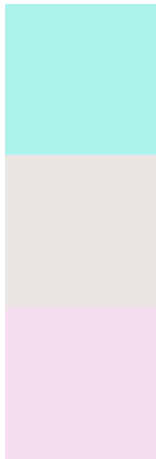


This preview shows how white text looks on a background with the Yxy color 78.9836, 0.2750, 0.3379.

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

78.9836, 0.2750, 0.3379

Protanopia

78.4702, 0.3182, 0.3311

Deuteranopia

78.0674, 0.3184, 0.3119



Tritanopia

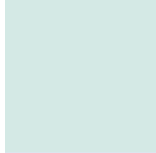
78.8082, 0.2713, 0.3104

Trichromacy



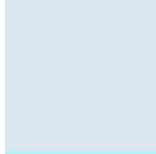
Original Color

78.9836, 0.2750, 0.3379



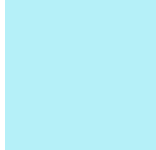
Protanomaly

77.9320, 0.3012, 0.3333



Deuteranomaly

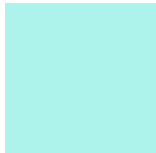
77.8267, 0.3004, 0.3205



Tritanomaly

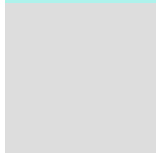
78.9212, 0.2724, 0.3201

Monochromacy



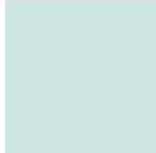
Original Color

78.9836, 0.2750, 0.3379



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.3670, 0.2978, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9836, 0.2750, 0.3379 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(173, 243, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 243, 235)  
}
```

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(173, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 243, 235) }
```

Border

The CSS property to change the border of an element to Yxy 78.9836, 0.2750, 0.3379 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(173, 243, 235) }
```

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

```
.border{ border-color:rgb(173, 243, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(173, 243,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9836, 0.2750, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 243, 235) }
```

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

```
.background{ background-color: rgb(173,  
243, 235) }
```

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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