

Converting Colors

$Yxy(78.8867, 0.2657, 0.3156)$

Have a look what the booklet for
Yxy(78.8867, 0.2657, 0.3156)
contains.

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Color

Yxy(78.8867, 0.2657, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	ADF1FD
RGB	173, 241, 253
RGB Percent	68%, 95%, 99%
CMY	0.3217, 0.0549, 0.0078
CMYK	0.32, 0.05, 0.00, 0.01
HSL	189°, 95%, 84%
HSV	189°, 32%, 99%
XYZ	66.4138, 78.8867, 104.6574
YIQ	222.0360, -44.3800, -10.6840

Conversions

Conversions Part 2

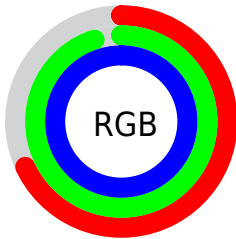
Format	Color
RYB	173, 210, 253
Decimal	11399677
CIELab	91.18, -18.31, -12.58
CIELCh	91, 22.214, 214.494
Yxy	78.8867, 0.2657, 0.3156
Android (android.graphics.Color)	4289589757 (0xFFADF1FD)
YUV	222.0360, 15.2653, -43.0046
Hunter-Lab	88.8182, -21.9584, -7.6906

Details

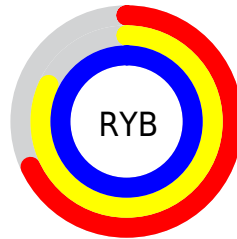
The Yxy color **78.8867, 0.2657, 0.3156** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5837, 0.3816, 0.3419**, and the grayscale version is **72.9854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **42.5350, 0.2559, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **74.0524, 0.2527, 0.3107**, and if you desaturate by 10%, it is **84.3201, 0.2798, 0.3202**.

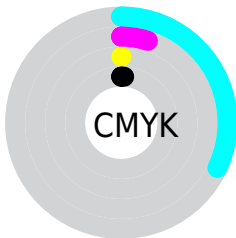
Distribution



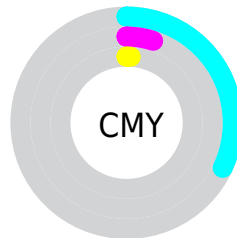
- Red (68%)
- Green (95%)
- Blue (99%)



- Red (68%)
- Yellow (82%)
- Blue (99%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)




- Cyan (32%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8867, 0.2657, 0.3156 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 78.8867, 0.2657, 0.3156 by changing the saturation by 10% instead.

 78.8867, 0.2657,
0.3156

 78.8867, 0.2657,
0.3156

491.1730, 0.2868,
0.3221

 58.8027, 0.2610,
0.3141


 131.7993, 0.2729,
0.3179

 42.4543, 0.2554,
0.3121


165.3967, 0.2757,
0.3188

 29.4572, 0.2483,
0.3096


204.2674, 0.2782,
0.3195

 19.4269, 0.2393,
0.3063

248.7956, 0.2803,
0.3202

 11.9792, 0.2274,
0.3017

299.3659, 0.2822,
0.3208

 6.7295, 0.2111,
0.2948

356.3627, 0.2839,

 3.2935, 0.1874,

0.3213

0.2837

420.1702, 0.2854,
0.3217

■ 1.2868, 0.1497,
0.2639

■ 0.1310, 0.0000,
0.1135

■ 78.8867, 0.2657,
0.3156

■ 78.8867, 0.2657,
0.3156

■ 74.0524, 0.2527,
0.3107

■ 84.3201, 0.2798,
0.3202

■ 69.7765, 0.2412,
0.3056

■ 90.3719, 0.2947,
0.3245

■ 66.0279, 0.2313,
0.3003

■ 97.0720, 0.3102,
0.3284

■ 62.7683, 0.2233,
0.2949

■ 99.8721, 0.3139,
0.3309

■ 59.9536, 0.2174,
0.2895

■ 57.5308, 0.2133,
0.2841

■ 55.7371, 0.2110,
0.2797

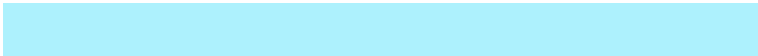
Harmonies

Analogous

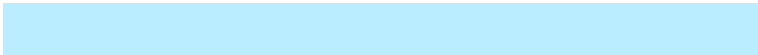
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8867, 0.2790, 0.3401



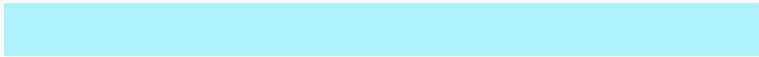
78.8867, 0.2657, 0.3156



78.8867, 0.2644, 0.2962

Triad

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



78.8867, 0.2657, 0.3156



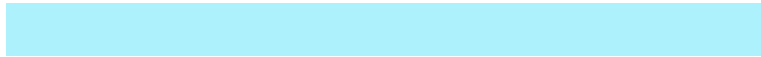
78.8867, 0.3226, 0.2988



78.8867, 0.3504, 0.3728

Complementary

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



78.8867, 0.2657, 0.3156



58.5837, 0.3816, 0.3419

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.



78.8867, 0.3633, 0.3594



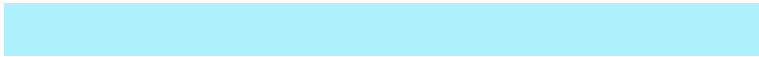
78.8867, 0.2657, 0.3156



78.8867, 0.3470, 0.3172

Square

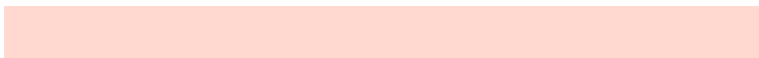
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8867, 0.2657, 0.3156



78.8867, 0.2964, 0.2877



78.8867, 0.3621, 0.3391



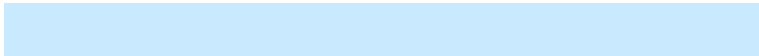
78.8867, 0.3275, 0.3744

Rectangle

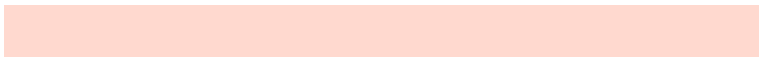
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8867, 0.2657, 0.3156



78.8867, 0.2705, 0.2885



78.8867, 0.3621, 0.3391



78.8867, 0.3561, 0.3695

Sweetspot

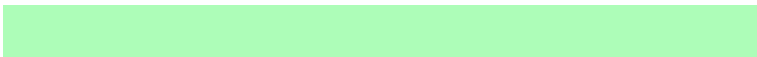
The Sweet Spot groups the original color and five complimentary colors.



78.8898, 0.2657, 0.3156



93.7292, 0.2988, 0.3255



82.5804, 0.3027, 0.4100



19.8559, 0.2965, 0.3250



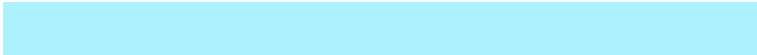
0.0000, 0.0000, 0.0000



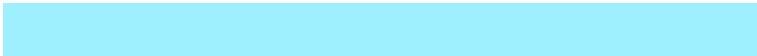
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8898, 0.2657, 0.3156



77.1009, 0.2573, 0.3125



58.3635, 0.2603, 0.2705



19.9901, 0.2980, 0.3253



29.8206, 0.2113, 0.2806



3.0239, 0.2130, 0.2867

Inverse Universe

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



57.1116, 0.3258, 0.2609



52.0675, 0.3290, 0.2473



77.0281, 0.3692, 0.3811



18.2508, 0.3161, 0.3090



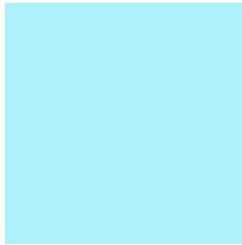
13.7384, 0.3629, 0.1773



1.3498, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 78.8867, 0.2657, 0.3156 looks on a white background.

Color Contrast Check

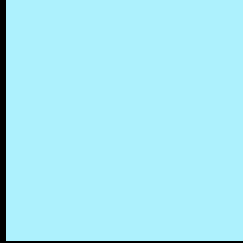
Large Text (above 18pt) WCAG AA × Fail

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 78.8867, 0.2657, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

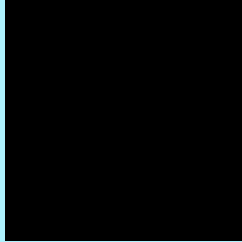
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8867, 0.2657, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 78.8867, 0.2657, 0.3156.

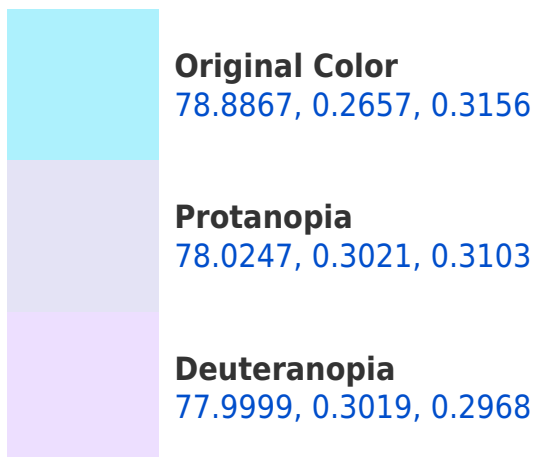


This preview shows how white text looks on a background with the Yxy color 78.8867, 0.2657, 0.3156.

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

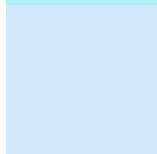
78.5594, 0.2702, 0.3104

Trichromacy



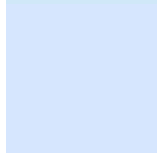
Original Color

78.8867, 0.2657, 0.3156



Protanomaly

77.9004, 0.2875, 0.3119



Deuteranomaly

78.0455, 0.2877, 0.3038



Tritanomaly

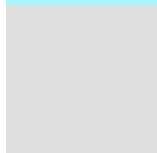
78.5921, 0.2687, 0.3124

Monochromacy



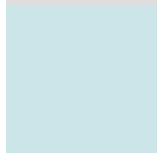
Original Color

78.8867, 0.2657, 0.3156



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.7592, 0.2936, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8867, 0.2657, 0.3156 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, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(173, 241, 253)  
}
```

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, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 241, 253) }
```

Border

The CSS property to change the border of an element to Yxy 78.8867, 0.2657, 0.3156 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, 241, 253) }
```

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

```
.border{ border-color:rgb(173, 241, 253) }
```

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

Here you see how a box with a 4 pixel rgb(173, 241, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(173, 241,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8867, 0.2657, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 241, 253) }
```

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

```
.background{ background-color: rgb(173,  
241, 253) }
```

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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