

Converting Colors

$Yxy(78.9113, 0.2660, 0.3163)$

Have a look what the booklet for
Yxy(78.9113, 0.2660, 0.3163)
contains.

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Color

Yxy(78.8231, 0.2662, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	ADF1FC
RGB	173, 241, 252
RGB Percent	68%, 95%, 99%
CMY	0.3217, 0.0549, 0.0118
CMYK	0.31, 0.04, 0.00, 0.01
HSL	188°, 93%, 83%
HSV	188°, 31%, 99%
XYZ	66.2542, 78.8231, 103.8115
YIQ	221.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

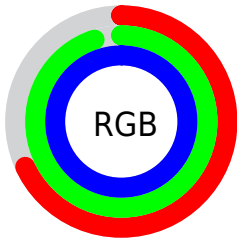
Format	Color
R _Y B	173, 210, 252
Decimal	11399676
CIE Lab	91.15, -18.54, -12.10
CIE LCh	91, 22.138, 213.123
Yxy	78.8231, 0.2662, 0.3167
Android (android.graphics.Color)	4289589756 (0xFFADF1FC)
YUV	221.9220, 14.8285, -42.9046
Hunter-Lab	88.7824, -22.1628, -7.1790

Details

The Yxy color **78.8231, 0.2662, 0.3167** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9751, 0.3811, 0.3409**, and the grayscale version is **72.9039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **42.4896, 0.2565, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **74.1658, 0.2533, 0.3122**, and if you desaturate by 10%, it is **84.0683, 0.2803, 0.3210**.

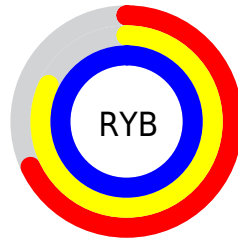
Distribution



Red (68%)

Green (95%)

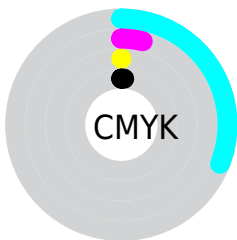
Blue (99%)



Red (68%)

Yellow (82%)

Blue (99%)

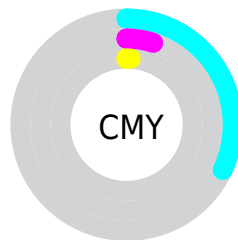


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (1%)



Cyan (32%)


Magenta (5%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8231, 0.2662, 0.3167 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 78.8231, 0.2662, 0.3167 by changing the saturation by 10% instead.

 78.8231, 0.2662,
0.3167

 78.8231, 0.2662,
0.3167

490.9577, 0.2871,
0.3227

 58.7504, 0.2616,
0.3153


 131.7098, 0.2733,
0.3188

 42.4122, 0.2560,
0.3135


165.2925, 0.2761,
0.3196

 29.4242, 0.2490,
0.3111


204.1474, 0.2785,
0.3203

 19.4020, 0.2401,
0.3080

248.6589, 0.2807,
0.3209

 11.9611, 0.2283,
0.3037

299.2112, 0.2826,
0.3215

 6.7172, 0.2121,
0.2973

356.1889, 0.2842,

 3.2859, 0.1885,

0.3219

0.2868

419.9762, 0.2857,
0.3223

1.2827, 0.1506,
0.2680

0.1278, 0.0000,
0.1148

78.8231, 0.2662,
0.3167

78.8231, 0.2662,
0.3167

74.1658, 0.2533,
0.3122

84.0683, 0.2803,
0.3210

70.0562, 0.2418,
0.3074

89.9202, 0.2952,
0.3249

66.4636, 0.2321,
0.3026

96.4085, 0.3106,
0.3285

63.3503, 0.2242,
0.2976

99.8079, 0.3144,
0.3319

■ 60.6728, 0.2183,
0.2926

■ 58.3791, 0.2143,
0.2877

■ 56.6362, 0.2121,
0.2835

Harmonies

Analogous

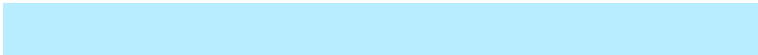
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8231, 0.2799, 0.3412



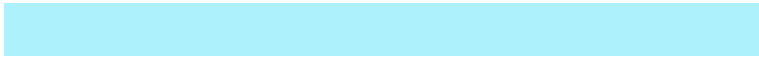
78.8231, 0.2662, 0.3167



78.8231, 0.2644, 0.2970

Triad

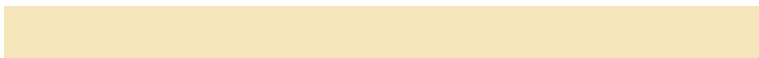
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8231, 0.2662, 0.3167



78.8231, 0.3214, 0.2982



78.8231, 0.3511, 0.3723

Complementary

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



78.8231, 0.2662, 0.3167



57.9751, 0.3811, 0.3409

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.



78.8231, 0.3634, 0.3585



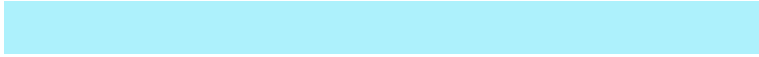
78.8231, 0.2662, 0.3167



78.8231, 0.3459, 0.3163

Square

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



78.8231, 0.2662, 0.3167



78.8231, 0.2953, 0.2875



78.8231, 0.3616, 0.3380



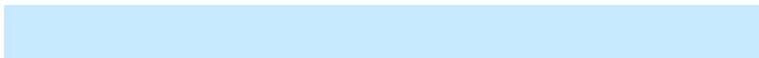
78.8231, 0.3287, 0.3745

Rectangle

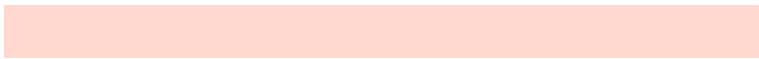
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8231, 0.2662, 0.3167



78.8231, 0.2700, 0.2890



78.8231, 0.3616, 0.3380



78.8231, 0.3566, 0.3688

Sweetspot

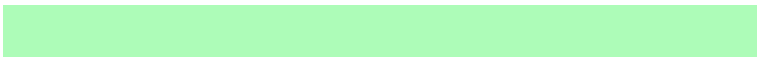
The Sweet Spot groups the original color and five complimentary colors.



78.8262, 0.2662, 0.3167



93.8856, 0.2988, 0.3258



81.9389, 0.3028, 0.4091



19.8947, 0.2965, 0.3253



0.0000, 0.0000, 0.0000



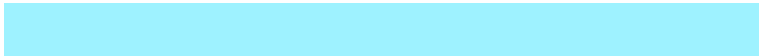
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8262, 0.2662, 0.3167



77.7245, 0.2574, 0.3137



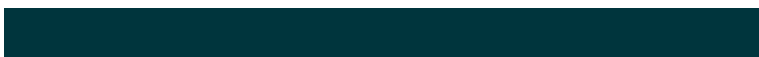
58.1270, 0.2608, 0.2711



19.1729, 0.2980, 0.3256



29.6677, 0.2123, 0.2843



2.8574, 0.2139, 0.2902

Inverse Universe

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



56.9241, 0.3250, 0.2607



52.1305, 0.3282, 0.2464



76.4972, 0.3686, 0.3807



17.4806, 0.3159, 0.3088



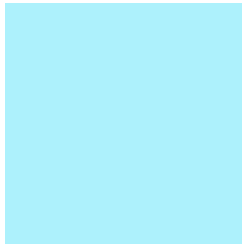
13.4059, 0.3595, 0.1754



1.2527, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 78.8231, 0.2662, 0.3167 looks on a white background.

Color Contrast Check

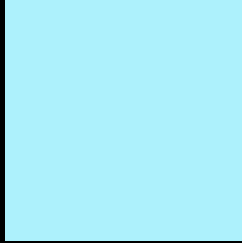
Large Text (above 18pt) WCAG AA × Fail

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 78.8231, 0.2662, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

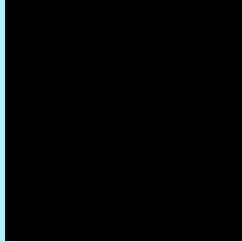
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8231, 0.2662, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 78.8231, 0.2662, 0.3167.

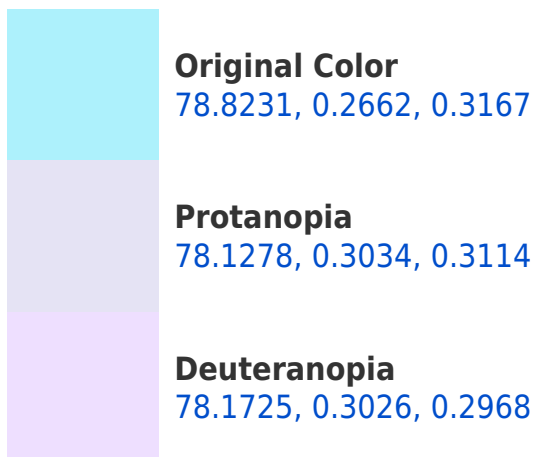


This preview shows how white text looks on a background with the Yxy color 78.8231, 0.2662, 0.3167.

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

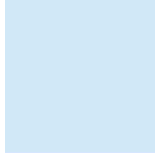
78.5594, 0.2702, 0.3104

Trichromacy



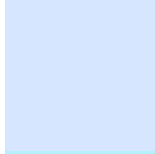
Original Color

78.8231, 0.2662, 0.3167



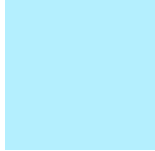
Protanomaly

77.9839, 0.2887, 0.3130



Deuteranomaly

78.0455, 0.2877, 0.3038



Tritanomaly

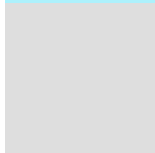
78.5921, 0.2687, 0.3124

Monochromacy



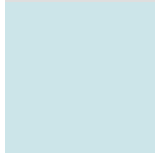
Original Color

78.8231, 0.2662, 0.3167



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 78.8231, 0.2662, 0.3167 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(173, 241, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 241, 252) }
```

Border

The CSS property to change the border of an element to Yxy 78.8231, 0.2662, 0.3167 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, 252) }
```

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

```
.border{ border-color:rgb(173, 241, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(173, 241,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8231, 0.2662, 0.3167 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, 252) }
```

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

```
.background{ background-color: rgb(173,  
241, 252) }
```

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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