

Converting Colors

$Y_{xy}(100.0000, 0.2660, 0.3538)$

Have a look what the booklet for
Yxy(100.0000, 0.2660, 0.3538)
contains.

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Color

Yxy(86.2297, 0.2628, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	A2FFFC
RGB	162, 255, 252
RGB Percent	64%, 100%, 99%
CMY	0.3650, 0.0000, 0.0118
CMYK	0.37, 0.00, 0.01, 0.00
HSL	178°, 100%, 82%
HSV	178°, 37%, 100%
XYZ	68.2154, 86.2297, 105.1265
YIQ	226.8510, -54.4650, -20.6490

Conversions

Conversions Part 2

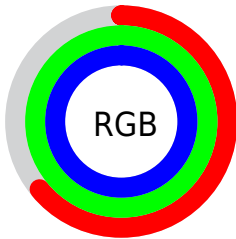
Format	Color
RYB	162, 209, 255
Decimal	10682364
CIELab	94.41, -28.24, -7.31
CIElCh	94, 29.175, 194.511
Yxy	86.2297, 0.2628, 0.3322
Android (android.graphics.Color)	4288872444 (0xFFA2FFFC)
YUV	226.8510, 12.3985, -56.8743
Hunter-Lab	92.8599, -31.3778, -2.1201

Details

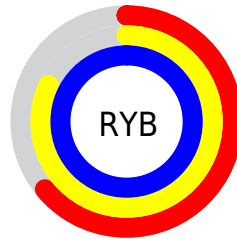
The Yxy color **86.2297, 0.2628, 0.3322** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.7863, 0.3991, 0.3261**, and the grayscale version is **76.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **47.3316, 0.2525, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **83.7641, 0.2523, 0.3332**, and if you desaturate by 10%, it is **89.2173, 0.2749, 0.3312**.

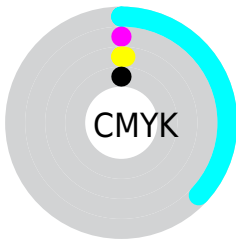
Distribution



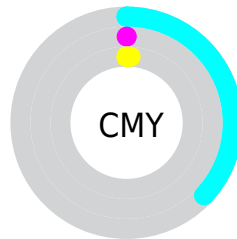
- Red (64%)
- Green (100%)
- Blue (99%)



- Red (64%)
- Yellow (82%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.2297, 0.2628, 0.3322 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 86.2297, 0.2628, 0.3322 by changing the saturation by 10% instead.


 86.2297, 0.2628,
0.3322

 86.2297, 0.2628,
0.3322

515.6883, 0.2849,
0.3312

 64.8579, 0.2580,
0.3323


 142.0900, 0.2703,
0.3319

 47.3459, 0.2522,
0.3325


 177.3473, 0.2732,
0.3318

 33.3092, 0.2450,
0.3326


218.0019, 0.2758,
0.3317

 22.3634, 0.2358,
0.3326

264.4382, 0.2781,
0.3315

 14.1242, 0.2239,
0.3324

317.0406, 0.2801,
0.3314

 8.2071, 0.2077,
0.3319

376.1935, 0.2818,

 4.2277, 0.1846,

0.3313

442.2813, 0.2834,
0.3312

0.3303

1.8018, 0.1495,
0.3258

0.4883, 0.0000,
0.3185

86.2297, 0.2628,
0.3322

86.2297, 0.2628,
0.3322

83.7641, 0.2523,
0.3332

89.2173, 0.2749,
0.3312

81.8168, 0.2435,
0.3342

92.7863, 0.2884,
0.3303

80.3417, 0.2367,
0.3353

96.9551, 0.3029,
0.3295

79.2972, 0.2319,
0.3364

100.0000, 0.3127,
0.3290

■ 78.6349, 0.2289,
0.3374

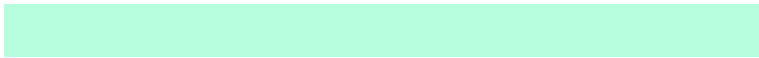
■ 78.2940, 0.2277,
0.3385

■ 78.2186, 0.2275,
0.3389

Harmonies

Analogous

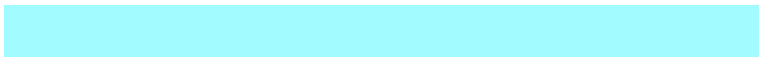
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2297, 0.2877, 0.3633



86.2297, 0.2628, 0.3322



86.2297, 0.2511, 0.3021

Triad

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



86.2297, 0.2628, 0.3322



86.2297, 0.3025, 0.2805



86.2297, 0.3735, 0.3742

Complementary

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



86.2297, 0.2628, 0.3322



49.7863, 0.3991, 0.3261

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.



86.2297, 0.3785, 0.3503



86.2297, 0.2628, 0.3322



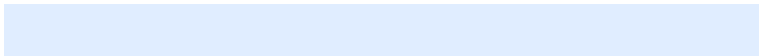
86.2297, 0.3363, 0.2979

Square

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



86.2297, 0.2628, 0.3322



86.2297, 0.2730, 0.2744



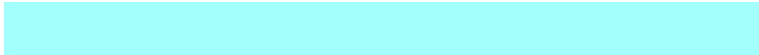
86.2297, 0.3647, 0.3228



86.2297, 0.3517, 0.3876

Rectangle

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



86.2297, 0.2628, 0.3322



86.2297, 0.2518, 0.2871



86.2297, 0.3647, 0.3228



86.2297, 0.3772, 0.3671

Sweetspot

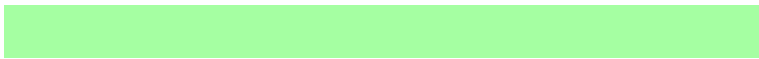
The Sweet Spot groups the original color and five complimentary colors.



86.2199, 0.2628, 0.3322



95.0043, 0.2963, 0.3299



82.1273, 0.3093, 0.4395



20.2142, 0.2943, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

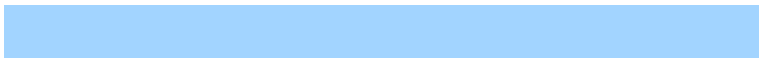
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2199, 0.2628, 0.3322



84.3296, 0.2547, 0.3329



61.7611, 0.2543, 0.2786



20.4707, 0.2984, 0.3297



40.8755, 0.2274, 0.3387



3.9830, 0.2271, 0.3375

Inverse Universe

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



49.7863, 0.3991, 0.3261



42.9340, 0.4265, 0.3255



67.6992, 0.3851, 0.3742



17.9966, 0.3289, 0.3283



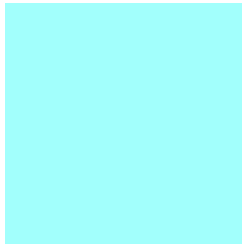
11.1224, 0.6368, 0.3282



1.0862, 0.6290, 0.3239

Previews

White Background



This preview shows how the Yxy color 86.2297, 0.2628, 0.3322 looks on a white background.

Color Contrast Check

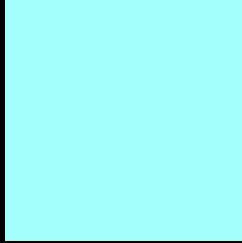
Large Text (above 18pt) WCAG AA × Fail

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 86.2297, 0.2628, 0.3322 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 86.2297, 0.2628, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 86.2297, 0.2628, 0.3322.

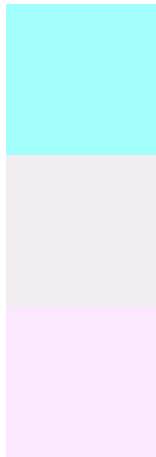


This preview shows how white text looks on a background with the Yxy color 86.2297, 0.2628, 0.3322.

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

86.2297, 0.2628, 0.3322

Protanopia

85.6200, 0.3129, 0.3250

Deuteranopia

85.4425, 0.3111, 0.3066



Tritanopia

85.9347, 0.2843, 0.3185

Trichromacy



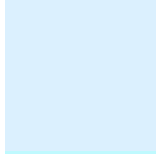
Original Color

86.2297, 0.2628, 0.3322



Protanomaly

85.2910, 0.2921, 0.3279



Deuteranomaly

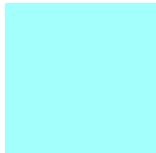
84.5360, 0.2912, 0.3145



Tritanomaly

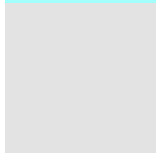
85.9835, 0.2757, 0.3236

Monochromacy



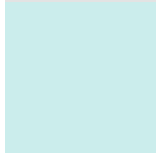
Original Color

86.2297, 0.2628, 0.3322



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.3210, 0.2915, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2297, 0.2628, 0.3322 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(162, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 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(162, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 86.2297, 0.2628, 0.3322 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(162, 255, 252) }
```

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

```
.border{ border-color:rgb(162, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2297, 0.2628, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 252) }
```

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

```
.background{ background-color: rgb(162,  
255, 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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