

Converting Colors

$Yxy(86.8837, 0.2400, 0.2623)$

Have a look what the booklet for
Yxy(86.8837, 0.2400, 0.2623)
contains.

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Color

Yxy(82.6258, 0.2656, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	ADF7FF
RGB	173, 247, 255
RGB Percent	68%, 97%, 100%
CMY	0.3212, 0.0314, 0.0000
CMYK	0.32, 0.03, 0.00, 0.00
HSL	186°, 100%, 84%
HSV	186°, 32%, 100%
XYZ	68.5580, 82.6258, 106.9412
YIQ	225.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

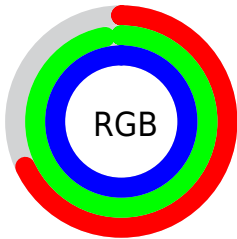
Format	Color
RYB	173, 212, 255
Decimal	11401215
CIELab	92.85, -20.77, -11.13
CIELCh	93, 23.566, 208.186
Yxy	82.6258, 0.2656, 0.3201
Android (android.graphics.Color)	4289591295 (0xFFADF7FF)
YUV	225.7860, 14.4025, -46.2933
Hunter-Lab	90.8987, -24.4438, -6.1248

Details

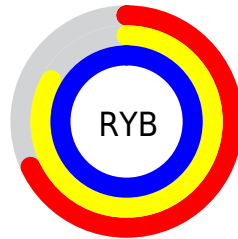
The Yxy color **82.6258, 0.2656, 0.3201** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.3685, 0.3845, 0.3376**, and the grayscale version is **75.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **45.1207, 0.2555, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **78.4773, 0.2532, 0.3169**, and if you desaturate by 10%, it is **87.3561, 0.2793, 0.3231**.

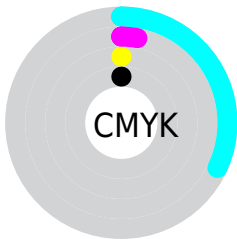
Distribution



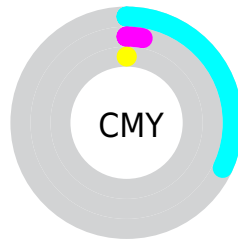
- Red (68%)
- Green (97%)
- Blue (100%)



- Red (68%)
- Yellow (83%)
- Blue (100%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (32%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6258, 0.2656, 0.3201 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 82.6258, 0.2656, 0.3201 by changing the saturation by 10% instead.


 82.6258, 0.2656,
0.3201

 82.6258, 0.2656,
0.3201

503.7386, 0.2866,
0.3245

 61.8815, 0.2610,
0.3190


 137.0512, 0.2727,
0.3217

 44.9370, 0.2554,
0.3177

171.5012, 0.2755,
0.3223

 31.4078, 0.2485,
0.3159


211.2884, 0.2780,
0.3228

 20.9096, 0.2397,
0.3136

256.7974, 0.2801,
0.3232

 13.0579, 0.2282,
0.3102

308.4125, 0.2820,
0.3236

 7.4684, 0.2125,
0.3052

366.5182, 0.2837,

 3.7567, 0.1898,

0.3240

0.2971

431.4987, 0.2852,
0.3243

■ 1.5384, 0.1550,
0.2821

■ 0.3156, 0.0000,
0.2182

■ 82.6258, 0.2656,
0.3201

■ 82.6258, 0.2656,
0.3201

■ 78.4773, 0.2532,
0.3169

■ 87.3561, 0.2793,
0.3231

■ 74.8691, 0.2423,
0.3136

■ 92.6875, 0.2940,
0.3259

■ 71.7694, 0.2332,
0.3102

■ 98.6506, 0.3094,
0.3285

■ 69.1392, 0.2261,
0.3068

100.0000, 0.3127,
0.3290

■ 66.9334, 0.2209,
0.3034

■ 65.0975, 0.2175,
0.3000

■ 63.8478, 0.2159,
0.2974

Harmonies

Analogous

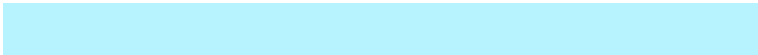
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6258, 0.2818, 0.3460



82.6258, 0.2656, 0.3201



82.6258, 0.2616, 0.2983

Triad

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



82.6258, 0.2656, 0.3201



82.6258, 0.3172, 0.2944



82.6258, 0.3559, 0.3727

Complementary

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



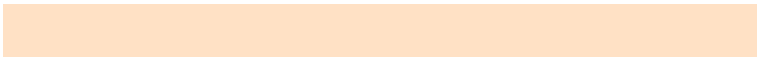
82.6258, 0.2656, 0.3201



57.3685, 0.3845, 0.3376

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.



82.6258, 0.3666, 0.3566



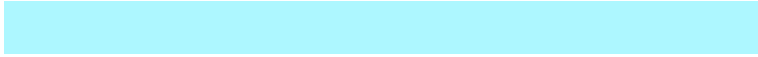
82.6258, 0.2656, 0.3201



82.6258, 0.3437, 0.3122

Square

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



82.6258, 0.2656, 0.3201



82.6258, 0.2904, 0.2848



82.6258, 0.3622, 0.3346



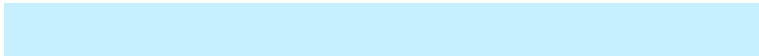
82.6258, 0.3337, 0.3773

Rectangle

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



82.6258, 0.2656, 0.3201



82.6258, 0.2661, 0.2888



82.6258, 0.3622, 0.3346



82.6258, 0.3610, 0.3684

Sweetspot

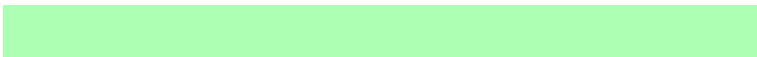
The Sweet Spot groups the original color and five complimentary colors.



82.6291, 0.2656, 0.3201



93.8995, 0.2972, 0.3265



83.7060, 0.3047, 0.4164



19.9259, 0.2951, 0.3261



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.



82.6291, 0.2656, 0.3201



79.7138, 0.2569, 0.3179



60.8456, 0.2600, 0.2743



20.1598, 0.2980, 0.3266



33.4860, 0.2161, 0.2979



3.3448, 0.2172, 0.3018

Inverse Universe

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



57.8956, 0.3227, 0.2560



51.4955, 0.3252, 0.2407



75.9248, 0.3715, 0.3780



18.2679, 0.3153, 0.3078



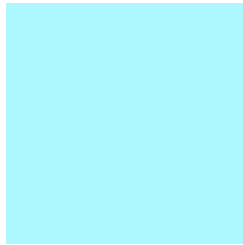
14.1084, 0.3472, 0.1687



1.3822, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 82.6258, 0.2656, 0.3201 looks on a white background.

Color Contrast Check

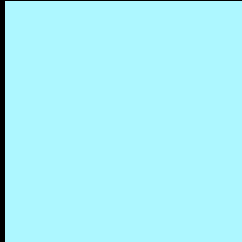
Large Text (above 18pt) WCAG AA × Fail

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 82.6258, 0.2656, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

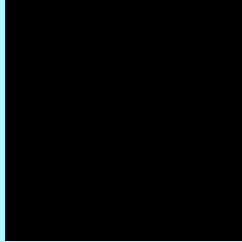
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6258, 0.2656, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 82.6258, 0.2656, 0.3201.

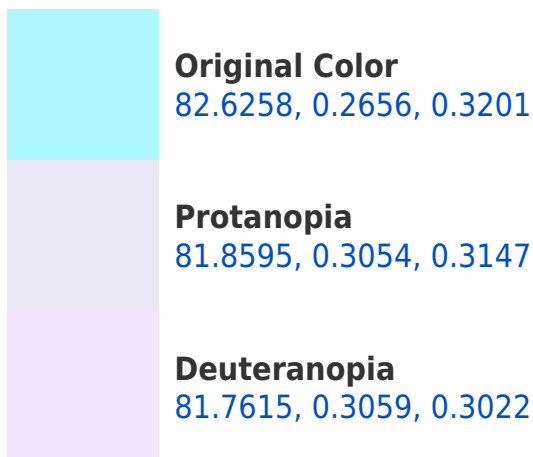


This preview shows how white text looks on a background with the Yxy color 82.6258, 0.2656, 0.3201.

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

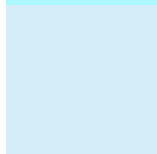
82.5946, 0.2778, 0.3151

Trichromacy



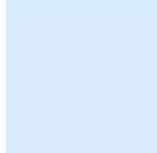
Original Color

82.6258, 0.2656, 0.3201



Protanomaly

81.4050, 0.2896, 0.3163



Deuteranomaly

81.5421, 0.2899, 0.3083



Tritanomaly

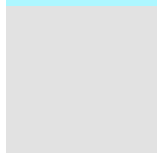
82.6127, 0.2730, 0.3171

Monochromacy



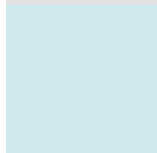
Original Color

82.6258, 0.2656, 0.3201



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

78.2255, 0.2933, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6258, 0.2656, 0.3201 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 247, 255)  
}
```

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, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.6258, 0.2656, 0.3201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

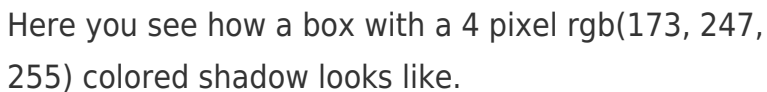
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 247, 255) }
```

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

```
.border{ border-color:rgb(173, 247, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 247, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 247, 255); box-shadow:4px 4px 4px 4px rgb(173, 247, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6258, 0.2656, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 247, 255) }
```

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

```
.background{ background-color: rgb(173,  
247, 255) }
```

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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